

F. R. Fosberg

RECORD

F. R. Fosberg

Collection Number Book
7

No. 18200 — 19036

May 25, 1941 — Sept. 1, 1942

Eastern U.S.

1.

Pages

VIRGINIA

Fairfax Co., Sleepy Hollow, along Tripps
Run 18500-18556 ... 50-57

DISTRICT OF COLUMBIA

Washington, e. of Freer Art Gallery....
..... 18557-18558.... 56-57

VIRGINIA

Fairfax Co., Sleepy Hollow, along Tripps
Run, Accotink Creek 18559-18609 ... 58-67

MARYLAND

Baltimore Co., Soldiers Delight .. 18610 66

VIRGINIA

Fairfax Co., Sleepy Hollow, Vienna, Lee
Blvd. Heights near Ft. Buffalo
..... 18610-18625 .. 66-71

DELAWARE

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Cedar Creek 18626-18635 .. 70-73
Kent Co., Milford, Alston Branch of
Leipsic R. (Little Duck Cr.) 18636-18640 72-73
New Castle Co., Sandom Branch, s. of Black-
bird, Droyers Creek (at Dupont Highway),
Fiddlers Bridge s. of St-George's
..... 18641-18653 72-75

VIRGINIA

Fairfax Co., Sleepy Hollow along Tripps
Run, Accotink Creek s.w. of Garfield ...
..... 18654-18659 ... 76-79

... 2

Collection and Field Note Book

No. 7

May 25, 1941 - Sept. 1, 1942

(Nos. 18200 - 19036)

VIRGINIA

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MARYLAND

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Soldiers Delight (ridge) n. of Harrisonville,
Baltimore Co.

<u>Calvert Co.</u> , Solomon's Island, mouth of Patuxent River	18454-18499	44-51
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1.

Pages

VIRGINIA

<u>Fairfax Co.</u> , Sleepy Hollow, along Tripps Run	18500-18556 ...	50-57
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DISTRICT OF COLUMBIA

Washington, e. of Freer Art Gallery....	18557-18558....	56-57
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VIRGINIA

<u>Fairfax Co.</u> , Sleepy Hollow, along Tripps Run, Accotink Creek	18559-18609 ...	58-67
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MARYLAND

<u>Baltimore Co.</u> , Soldiers Delight ..	18610	66
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VIRGINIA

<u>Fairfax Co.</u> , Sleepy Hollow, Vienna, Lee Blvd. Heights near Ft. Buffalo	18610-18625 ..	66-71
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DELAWARE

<u>Sussex Co.</u> , Ellendale, s. of Milton, Cedar Creek	18626-18635 ..	70-73
<u>Kent Co.</u> , Milford, Alaton Branch of Leipsic R. (Little Duck Cr.)	18636-18640	72-73
<u>New Castle Co.</u> , Sandom Branch, s. of Black- bird, Droyers Creek (at Dupont Highway), Fiddlers Bridge s. of St-George's	18641-18653	72-75

VIRGINIA

<u>Fairfax Co.</u> , Sleepy Hollow along Tripps Run, Accotink Creek s.w. of Garfield ...	18654-18659 ...	76-79
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... 2

Collection and Field Note Book

No. 7 (Cont'd)

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No. 7

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(Nos. 18200 - 19036)

VIRGINIA

Fairfax Co., Sleepy Hollow, near Tripps Run...
..... 18200-18222
Shenandoah Nat. Park, west from Swift Run Gap,
Blue Ridge Mts., Rockingham Co., Hawley
Springs, Dry Run, 6 mi. n.w. of Hawley Springs,
w. slope of New Market Gap, Massanutten Mts.
..... 18223-18312
Fairfax Co., Gallows Road, near Masonville and
n.w. of Annandale, near s. of Merrifield,
w. of Fairfax, s.w. of Germantown, w. of
Fairfax, Accotink Creek, 18313-18373

Pa
ole

2-

4-

18

MARYLAND

Frederick Co.,..... 18374-18382

30

DISTRICT OF COLUMBIA

Washington 18383

3

VIRGINIA

Fairfax Co., s. of Great Falls, s.e. of Merri-
field, along Holmes Run, s.w. of Falls Church,
Sleepy Hollow, along Tripps Run..18384-18453 ..

3

MARYLAND - Prince Georges Co., Beltsville,

Soldiers Delight (ridge) n. of Harrisonville,
Baltimore Co.

Calvert Co., Solomon's Island, mouth of Patuxent
River 18454-18499

4

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Blue Ridge Mts., Rockingham Co., Rawley	
Springs, Dry Run, 6 mi. n.w. of Rawley Springs,	
w. slope of New Market Gap, Massanutten Mts.	
..... 18223-18312	4-
Fairfax Co., Gallows Road, near Masonville and	
n.w. of Annandale, near s. of Merrifield,	
w. of Fairfax, s.w. of Germantown, w. of	
Fairfax, Accotink Creek, 18313-18373	18

MARYLAND

Frederick Co.....	18374-18382	34
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DISTRICT OF COLUMBIA

Washington	18383	3
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VIRGINIA

Fairfax Co., s. of Great Falls, s.e. of Merri-	
field, along Holmes Run, s.w. of Falls Church,	
Sleepy Hollow, along Tripps Run..	18384-18453 ..
	3

MARYLAND - Prince Georges Co., Beltsville,

Soldiers Delight (ridge) n. of Harrisonville,	
Baltimore Co.	
Calvert Co., Solomon's Island, mouth of Patuxent	
River	18454-18499
	4

Beltsville, Md.

April 12, 1945

Dr. Frans Verdoorn

P. O. Box 151

Waltham, Mass.

Dear Verdoorn:

I guess we won't have to bother with anything about the Cinchona job, as Morrison has managed to scrape up enough money to get started on it. I will probably accept his proposition even though I am not at all satisfied with it. Moore and his outfit have completely fallen down on their agreement about the business. They are, I think, taking advantage of the fact that I am enough interested to undertake the thing even at some sacrifice, and getting it done for less money. I do not think they will profit any in the long run, but I doubt that any of them are able to look that far ahead.

You were certainly kind to call on the other night to suggest a solution.

It would be only as a last resort that I would be forced to work on it employed by the Cinchona growers, as there is an extreme prejudice on that score here in Washington, and there is no doubt that ~~the agencies~~ the agencies concerned here would prevent me from access to any of the data or specimens and the whole job would have to be done all over again, starting only with the data that I have in my head and in my own notebooks. I don't quite understand such a point of view, but it certainly exists. The only way such an interest, even Herck's, here could help in such a research would be to give the money to an institution like the Smithsonian to be used for the purpose. This would give these agencies at least the illusion of being able to control the sort of results that could be published.

I severed my connection yesterday with the FRA and am going to take a few days rest and perhaps a trip to Philadelphia and New York while my transfer is being arranged. If I get any encouragement on the items that I intend to talk about in New York I may write to you concerning them.

Although I haven't yet definitely accepted Morrison's proposition, I very probably will, and then my official address will be § Bureau of Plant Industry, Beltsville, Md. However, I will continue to have all mail sent to my home address in Falls Church.

Best wishes for a complete recovery from your recent operation.

Sincerely,

F. R. Fosberg

Belleville, Ill.
April 17, 1943

Mr. Alfred B. Carr
American Embassy
Bogota, Colombia

Dear Mr. Carr:

Yesterday my connection with the ITA terminated, except for a period of leave without pay while I am being transferred to the Dept. of Agriculture. I am not at all sorry, as the atmosphere of the organization is not one in which I thrive.

The Dept. of Agriculture is taking over the botanical research at Lincoln, but in a half-hearted sort of way which disappoints me very much. However, it will give me an opportunity to make something out of it and to work for further support later on to enable me to complete it.

I would greatly appreciate it if you would ask Al Felt for an efficiency rating blank, fill it out for me right away for the period of March 1, 1942-March 1, 1943. I will use it in discussions about my transfer and status in the DHEA. Furthermore, I have no feeling of confidence in getting a fair rating from anyone here in the office in Washington, and in fact, no one there has any right to make such a rating. Please turn this blank over to Felt as soon as possible and see that he sends it right away.

This will be my last official contact with you, I presume, but I hope that when you return we may get together and discuss the affairs of the universe.

Dean and Fearless are here. Dean is not having much success in getting a reassignment, nor did Dean have any.

Very sincerely,

F. L. Fosberg

F. R. Fosberg

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Figure 10



Sleepy Hollow, near Tripps Run

Fairfax Co. May 29, 1941

moist rich wooded bottom
land near stream

18200

Geranium

wet ground

01 Carex

02 *Arisaema triphyllum* var. *montanum* Fern.

03 *Viburnum*

same loc. desiccating marsh

04 Juncus

05 *Carex lurida*

06 Carex

07 *Orsisyrrhynchium*

same loc. dry knoll with
scattered young pines and
some young deciduous trees.

08 *Vicia*

09 *Rubus*

larger plants erect,
flowers pale, dull pink.

— small tufts.

erect, stout, stem brownish
purple, leaves green, not at
all glaucous. Tubular
part of spathe green and
white striped but not
fluted, flaps green outside,
purplish black within,
corn rounded on bottom.

— bearing roots only on the flat top.
shrub 3 m. tall, flowers white.

— erect, dense clumps.

— small spreading clumps.

— spikes pale green.

— plants loosely spreading.

— small tufts, stems

spreading, flattened, roots

yellow, flowers bright

blue-lavender with yellow center.

— plant weak, flower bright
purple.

— plants solitary, erect, flowers white.

- 12210 *Hedysotis purpurea* (L.) Torr.
 11 *Senecio pauperianus*
 12
 13 *Anthoxanthum odoratum*
 14 *Panicum*
 15 *Rumex acetosella*
 16 *Rubus*
 17 *Danthonia spicata*
 abundant in open spaces
 18 *Chrysanthemum leucanthemum* L.
 19 *Lepidium campestre*
 20 *Erigeron*
 21 *Trifolium*
 22 *Smilax*

near head of
 ravine running west from Swift
 Run Gap, Shenandoah Nat. Park,
 Blue Ridge Mts., Rockingham Co.

- 23 *Dryopteris arifolia* (Jacq.) Wagn.
 24 *Hydrophyllum virginianum* L.
 wooded slope
 25 *Scutellaria serrata* Andr.
 slope
 26 *Arnica dioica* (Walt.) Fern.
 slope
 27 *Populus deltoides* Marsh.
 ravine bottom near road

- small tufts, flowers ~~bright~~
 lavender - pink
 flowers bright orange-yellow.
 flowers white, in small
 scattered or in small
 tufts
 in small, strictly erect tufts.
 flowers yellow to reddish.
 plant low-arching, rooting
 at tips of flower stems, fls. white.
 small tufts

rays white, disk yellow.
 erect
 erect, rays white, disk yellow
 fls. lemon yellow.
 leaves slightly glaucous
 beneath, prickles black,
 flowers yellow.

flowers whitish.

fls. bright lavender-blue, tube
 whitish.

buds whitish-green

tree 8 m. tall

13228. *Trillium erectum*
rich wooded bottom, near stream
29. *Botrychium virginianum* (L.) Sw.
wooded bank near stream
30. *Orchis spectabilis* L.
rich woods along stream
31. *Acer rubrum* L.
wooded bottom
32. *Lindera benzoin* (L.) B.S.
wooded bottom
33. *Betula lutea* Michx.
wooded bottom
34. *Mitella diphylla* L.
~~rich~~ wooded bottom
35. *Fagus grandifolia* Ehrh.
plentiful in ravine bottom
36. *Medeola virginiana* L.
wooded bottom
37. *Orobanche uniflora* L.
wooded bottom, under beech trees,
but possibly not parasitic
on them.
38. *Plantago virginica* L.
open disturbed slope
39. *Veronica arvensis* L. det R. McVaugh
open disturbed slope
40. *Ranunculus fulvous* L. det R. F. McVaugh
opening in rich moist woods.
41. *Arabis laevigata* (Muhl.) Poir.
opening in rich moist woods.
42. *Ranunculus recurvatus* Poir.
opening in rich moist woods

fruit maroon, pedicel deflexed

^{white & lavender} becoming
corolla marcescent, roots fleshy.

tree 3 m. tall, leaves
glaucous beneath,
shrub 2 m. tall, aromatic
when bruised.

tree 10 m. tall, 1.5 dm. thick, bark
of trunk metallic ^{dark} yellow-gray,
splitting and peeling.
leaves dark green, seeds exposed

tree 15 m. tall, 2 dm. thick, bark
of trunk gray, specimen taken
from lower branches, sterile.
fls. greenish yellow with
dark red styles.

plants whitish, ~~corolla~~ corolla
pale lavender with ~~purple~~
violet hairs, especially
around margins of lobes.
pale green

erect

flowers bright yellow.

18243. *Laxifraga micranthodifolia* Haw.
edge of trickle of water
44. *Arisaema atrorubens*
rich woods
45. *Magnolia tripetala* L.
ravine bottom
46. *Carex laxiculmis* Schwein.
shaded ravine bottom
47. *Carex gracillima* Schwein.
shaded ravine bottom
48. *Carex convoluta* Mack.
shaded ravine bottom
- 49a. *Carex radiata* (Wahl.) Dewey
shaded ravine bottom
50. *Poa pratensis*
moist shaded ground near stream
51. *Festuca obtusa*
shaded ravine bottom

Rawley Springs

Rockingham Co. May 27, 1941

Dry steep slope, partly
brushy, partly thin mixed woods.

52. *Amelanchier*
edge of woods
53. *Quercus*
edge of woods
54. *Vaccinium*
brushy slope
55. *Kalmia latifolia* L.
abundant on brushy slope
56. *Epigaea repens* L.
brushy slope

fls white

- leaves glaucous beneath
- spathe green, not fluted
Tree 8 m. tall, 3 dm. through,
- fl whitish, unpleasantly fragrant,
glaucous, spikes drooping.

loose clumps

small tuft

small tufts

erect

- shrub 3 m. tall, ^{apparently} ripe berries
- red, bitter.
small tree 8 m. tall, ^{trunk} 1 dm. thick

- leaves slightly glaucous beneath,
immature fruit very slightly
glaucous, calyx lobes reddish.
- plant 3-4 dm. tall, stems green.
shrub 1 m. tall, fls. pink,
- fragrant
prostrate, corolla dried.

- 18257 *Quercus ilicifolia*
brushy slope
58 *Xerophyllum asphodeloides* (L.) Nutt.
large colony on brushy slope

8 mi. ~~on~~ ⁱⁿ w. Rawley Springs
on e. slope of Shenandoah Mt.
Rockingham Co. May 28, 1941

- dry wooded slope
59 *Rubus*
road embankment, abundant
60 *Vaccinium*

61 *Gaultheria procumbens* L.

62 *Rhododendron nudiflorum* (L.) Torr.

63 *Vaccinium*

64 *Gaylussacia baccata* (L.) Wang.

65 *Vaccinium stamineum*

66 *Andromeda floribunda* Pursh

67 *Vicia caroliniana* Walt.

68 *Pedicularis canadensis* L.

shrub 1 m. tall

small clumps, mostly
sterile. fls. white

erect & arching, 1 m. tall,
fls. white

plants 4 dm. tall, corolla
red, hypanthium glaucous.
stems brown, green at in
upper part.

prostrate stems greatly
elongate, berries red,
few.

shrub 1 m. tall, corolla tube
deep rose, lobes pinkish
white, unpleasantly
fragrant (like chestnut blossoms).

plants about 4 dm. tall,
stems brown, fls. greenish
yellow to reddish, hypanthium
glaucous.

plants 4 dm. tall,

fls. reddish, glaucous.

plant 4 dm. tall, fls. whitish
shrub, leaves dark green,

fruit immature.

fls. magenta.

somewhat aromatic

18269 *Vaccinium stamineum*

70

71 *Vaccinium*72 *Vaccinium*73 *Phlox ovata* L.

road cut.

74 *Rhododendron roseum* Rehd.along Dry Run, 6 mi. n.w. of
Rawley Springs, Rockingham Co.

May 28, 1941

rich ^{mixed} woods on flat floor
of valley.75 *Fagus grandifolia* Ehrh.76 *Epifagus virginiana* (L.) Burt
under beech trees77 *Viola*78 *Viola* ^{wet gravel in brook bed}79 *Viola*

wet gravel in brook bed

shrub 3-4 dm. tall, glaucous

- fls. whitish

plant with an oily odor,

- fls. chrome yellow.

plant 4 dm. tall, stems

^{or greenish brown} berries greenish -

or pinkish - white.

leaves ^{slightly} glaucous beneath,

hypanthium somewhat

- glaucous

plant 1-2 dm. tall,

not glaucous except

- hypanthium.

fls. rose turning magenta

shrub 1 m. tall, fls.

bright rose-pink, with

a carnation odor.

tree ~~off~~ 10 m. tall, 1 dm. thick,

- bark dark gray

died last year, plants

fls. white

fls. pale violet to whitish
beneath.

fls. blue-violet

18280 Rubus

thin woods ^{dry} on gravel

81 Ledum nevin Gray

82 Acer

thin woods

83 Sanguinaria canadensis L.

~~at~~ thin woods

84 Carex

rich woods

85 Lycopodium

rich woods

86 Carex

rich woods

87 Carex ~~rich woods~~

rich woods

88 Viola

rich woods

89 Carex

rich woods

90 Carex

rich woods

91 Ranunculus alleghaniensis Britton

rich woods

92 Mitchella repens L.

rich woods

93 Potentilla

rich woods

94 Antennaria canadensis Greene

rich woods

prostrate, fls. white

plant fleshy, with many
rosettes at surface of litter.

scapes erect, fls. white

small tree, light green.

stems

root orange-red.

clumps

small tufts

small tufts

isolated plants

erect, dark green

small tufts

spreading tufts,
glaucousprostrate, forming
mats, leaves dull dark
green above, with pale
midrib, pale beneath,
fruit red.ascending, petals yellow,
slightly emarginate.

18295

Hedyotis caerulea (L.) T. & G.
rich woods

7

96 *Aplectrum hyemale* (Muhl.) Torr.
rich woods, scattered

97 *Acer*

rich woods, shaded

98

Menziesia pilosa (Michx.) Pers.
rich woods

99 *Acer*rich woods, ~~shaded~~ shaded

18300

Mitella

rich woods

01

Orchis spectabilis L.

rich woods

02

Viola

rich woods

03

Viola

rich woods

04

Arisaema triphyllum (L.) Schott.
rich woods

05

Juncus palustris L.

scattered small tufts,
corolla limb lavender.

throat yellow, tube

- yellowish white.

erect, from a fleshy, translucent
white corm, leaves drying,
flowers with outer segments

brownish purple, inner
greenish yellow tipped with
purplish. fruit pendent
corm with a "nutty" odor

- when cut.

tree 10 m. tall, specimen
from lowest branch,

- leaves rather light green.

shrub 1.5 m. tall, leaves
glaucous beneath, corolla

- yellow with red lobes.

small tree, 7 m. tall.

- ~~p.~~ yellowish green
needles exposed

corolla marcescent, fruit
erect.

erect, in fruit only.

~~red~~ flowers violet.

- stems slightly pubescent.

leaves green on both

sides, not glaucous,

spathe green, not fluted

slightly purple-marked

- within.

bush 1.5 m. tall, branches ~~and~~
~~at~~ drooping at tips, fruit green!

W. slope of New Market Gap,
Massanutten Mts.

May 28, 1941

19306

^{thinly} dry wooded slope
Pseudotsunidia montana Mack.
thin woods

07

thin woods

08

Carex

thin woods

09

Stellaria pubera Michx.

thin woods

10

Vaccinium

thin woods

11

Vaccinium

thin woods

12

Morus rubra L.

edge of woods.

Gallows Road

0.7 mi. n.w. of Masonville, 1.7 mi. n.w.
of Annandale, Fairfax Co. 100 m.

May 30, 1941

13

thin young second-growth woods.
Vaccinium

14

Kalmia latifolia L.

Gallows Road 0.3 mi. s. of Merrifield.
Fairfax Co. 110 m.

May 30, 1941

dense second-growth woods

15

Gaylussacia baccata (L.) Wang.
edge of woods, along road.

~~plant~~ leaves with
somewhat glaucous
underside, flowers yellow
small tufts.

fls. ~~white~~ inconspicuous
bush 5 dm. tall.

bush ~~4-5 dm. tall~~ 4-5 dm. tall
glaucous
shrub 3 m. tall, fruit red.

bush 1.5 m. tall, with light
reddish-brown ^{smooth} bark, leaves
pale beneath, immature
fruit not glaucous.

— bush 1.5 m. tall, flowers
white with red dots above
the anther-pockets.

bushes 6 dm. tall, fruit immature

18316 *Lyonia ligustrina*
edge of woods along road

17 *Vaccinium*

18 *Hedyotis purpurea* (L.) T. & G.

19 *Rhus quercifolia* Michx.
edge of woods along road

20 *Vaccinium*
abundant, forming definite understory
of vegetation

21 *Vaccinium*

22 *Castanea pumila*

23 *Pyrus*

2 mi. w. of Fairfax, Fairfax Co.

May 30, 1941

24 *Lonicera japonica* Thunb.
climbing on fence beside road.
growing with 18325

25 *Lonicera japonica* Thunb.
growing with 18324

bush 1 m. tall, flowers
greenish white, scarcely
fragrant.

- bush 1.5 m. tall, leaves
scale and venulose
beneath, immature
fruit slightly glaucous
~~the~~ leaves darker
green above, flowers
lavender.

- plant erect, 6 dm. tall

plant 1-2 dm. tall, arching
stems green, leaves
glaucous beneath, immature
fruit glaucous.

- bush 2 m. tall, bark dull
gray-brown, branches
horizontal and somewhat
distichous, immature
fruit not at all glaucous.

- bush 2.5 m. tall, flowers
white, unpleasantly
fragrant.

- slender shrub 2 m. tall,
lvs pale green beneath

woody vine, leaves with dark
red veins, fls. purplish-pink outside,
white inside, turning yellow, fragrant.
woody vine, leaves green, fls. white,
turning yellow, fragrant.

0.5 mi. s.w. of Germantown, w. of
Fairfax ~~Co.~~ Fairfax Co. May 30, 1941.
old field.

218326 Carex

27 Oenothera fruticosa L.
with nos. 18328, 18329.

28 Oenothera fruticosa L.
with nos. 18327, 18329

29 Oenothera fruticosa L.
with nos. 18327, 18328

Accotink Creek, 1.5 mi. n.e. of
Fairfax, Fairfax Co. May 30, 1941
rich ^{moisture} woods with large
beech and tulip trees

30

shaded bottom-land near stream

31

shaded bottom-land near stream

32 Dryopteris

base of great beech tree

33 Asarum

in deep litter, shaded bottom-land

34 Fagus grandifolia Ehrh.

~~flat~~ flat bottom-land, shaded

35 Adiantum pedatum L.

densely wooded slope,
thick undergrowth

36 Dryopteris

densely wooded slope, thick
undergrowth

loose clump
flowers rich yellow

erect, flowers rich yellow

fls. rich yellow

small tuft

flowers hidden in litter,
~~petals~~ bluntly 6 angled, lobes
maroon inside, reflexed
becoming more erect in fruit
small straight tree, 6 m. tall,
3 cm. thick, bark dull gray,
specimen from lower branches

rhizome buried

218337 *Languinaria canadensis* L.
densely wooded slope, with
thick undergrowth.

38 *Euonymus*
densely wooded slope, with
thick undergrowth

39 *Carex*
densely wooded slope,
with thick undergrowth

40 *Carpinus caroliniana*
dense woods, edge of road-
clearing, abundant

41 *Galium aparine* L.
abundant under great beeches

42 *Fagus grandifolia* Ehrh.
abundant in dense woods,
especially near stream

0.5 mi. s.e. of Merrifield, Fairfax Co.
dense second-growth woods.

June 1, 1941 alt. 100 m.

43 *Diospyros virginiana* L.
edge of road clearing

44 *Lysimachia quadrifolia*
edge of road clearing, filled
ground.

45 *Panicum*
edge of road clearing, filled ground

46 *Panicum*
edge of road clearing, filled ground

saff orange-red, root
fleshy, orange-red, capsule
dehiscing from base. leaves
very glaucous beneath
slender, weak, elongate
shrub with dark green
bark, fls. greenish-yellow,
turning reddish.

tree 7 m tall, 1-15 dm thick,
bark dull gray, not
dead color.
weak annual, fruit green.

great tree, about 30 m. tall,
1 m thick, bark dull gray,
sterile

small tree 3 m. tall, leaves
more or less distichous,
corolla white toward base,
lobes yellowish, opening
contracted
corolla lobes yellow, edged
with red, red inside
at base, stamens red.
thick clump, erect.

thick spreading clump.

- 217347 *Panicum*
edge of road clearing, filled ground
- 48 *Panicum*
edge of road clearing, filled ground
- 49 *Smilax glauca*
along trail, mixed woods
- 50 *Betula nigra*
mixed woods, near small streamlet
- 51 *Rubus*
opening in woods, near streamlet
- 52 *Acer rubrum* L. ^{growing with #18353}
edge of opening in woods
- 53 *Rubus*
opening in woods, near streamlet
growing with #18351
- 54 *Carex*
moist low place
- 55 *Vitis*
along trail in woods
- 56
low place, no undergrowth.
- 57 *Polystichum acrostichoides*
common in woods, this specimen from low moist place
- 58 *Dryopteris*
low wet place
- 59 *Arisaema triphyllum* (L.) Schott
low wet place
- 60 *Lisyrinchium*
low wet place

- small tufts, more or less erect,
dense clumps, somewhat
spreading.
leaves glaucous beneath,
somewhat variegated above,
flowers yellow-green.
tree 8 m. tall, bark
peeling and shaggy
primocanes erect, floricanes
low-arching, flowers white.
tree 10 m. tall, leaves
glaucous beneath.
primocanes erect, floricanes
low-arching, flowers white.
- small clump
- woody vine climbing
over trees, leaves green beneath,
with small tufts of white
hair in vein axils
pronounced odor.
- fronds more or less erect
- leaves green, not glaucous,
beneath, spathe green, not fluted
inside of flap very slightly purplish.
tube white veined outside, white at base.
stems and leaves erect, fls.
blue, with yellow center.

- 18361 *Rubus*
low wet place
- 62 *Rhus vernix*
low marshy place
- 63 *Symplocarpus foetidus*
low marshy place
- 64 *Galium*
low marshy place
- 65 *Anacardium triphyllum* (L.) Elliott
appr. var. *montanum*
low marshy place
- 66 *Juncus*
low marshy place
- 67 *Botrychium dissectum*
low marshy place, only one plant seen
- 68 *Lycopodium obscurum* L.
abundant ~~and~~ at sides
of marshy depression
- 69 *Mitchella repens* L.
abundant in pine woods
- 70 *Lobelia*
pine woods with little underbrush
only one plant seen.
- 71 *Carex*
pine woods with little underbrush

- floricanes* almost prostrate,
— rooting at tips, fls. white.
small tree 4 in. tall, 5 cm. thick.
- flowers green.
leaves, forming a large
rosette, young fruit
at one side, spathe decayed
and crumbling off, herbaceous
with foul odor when bruised.
— plants weak but erect,
flowers white.
leaves green, not glaucous,
beneath spathe white at
base, tube whitish, veined,
not fluted, flap green
— outside dark purple within.
dense clumps, stems weak.
- blade reddish green
- branches flattened, plant
erect
- extensively creeping, last
years fruit scarlet, buds
and corolla lobes when flowers
first open pinkish-lavender,
mature flowers ~~pink~~ white,
— pilose within.
erect, flowers white
- small tufts, culms spreading

18372 *Veronica officinalis* L.
open pine woods, little underbrush

73 *Chimaphila maculata*
open pine woods, little underbrush.

June 8, 1941

6 74 *Galium*
wooded bottom land
near stream, moist soil

3 75 *Carex*
old clearing

2 76 *Acer*
~~leafy~~ open woods, canopy
dense overhead

June 3, 1941

77 *Vaccinium*
small elevated bog, dominated
by *Polytrichum* sp., with
some *Sphagnum*.

brushy margin of bog

78 *Cornandra*

abundant in opening in brushy
margin of bog.

creeping, erect at tips, fls.
pale lavender-blue, in
erect spikes.
leaves purplish green,
veins paler, buds white.

Calvert Mt. Bogon "Lend Flat"

1/4 mi. e. of intersection of Ridge Rd.

with unnamed rd. near
elev. 1742' Frederick Co. June 8

Catoctin Mt. Valley of Little

Hunting Creek, w. of Salamander

Rock 1/2 mi. n. of road intersection

elev. 1492' Frederick Co. June 8

et from somewhat
asc. flowers white
plants

et 3 m. tall,
at green.

tall, lvs. glossy
green above, pale beneath,
immature fruit somewhat
glaucous, very few present
bark on old wood gray-brown,
shreddy, on young branches
green, turning reddish-brown.
plants only very slightly
glaucous, leaves thin, veins prominent
beneath, fls. whitish to purplish,
fruit immature

19372 *Veronica officinalis* L.
open pine woods, little underbrush

73 *Chimaphila maculata*
open pine woods, little underbrush

6 74 *Galium*
wooded b.
near s.
3 75 *Carex*
old cle.
2 76 *Acer*
~~deciduous~~
dense r.

small cle
by *Polytrichum*
some sps.

77 *Vaccinium*
bushy

78 *Cornandra*
abundant in opening in brushy
margin of bog.

creeping, erect at tips, fls.
pale lavender-blue, in
erect spikes.
leaves purplish green,
veins paler, buds white.

plant erect from somewhat
decumbent base, flowers white.
scattered plants.

small tree 3 m. tall,
clear light green.

shrub 1 m. tall, lvs. glossy
green above, pale beneath,
immature fruit somewhat
glaucous, very few present.
bark on old wood gray-brown,
shreddy, on young branches
green, turning reddish-brown.
plants only very slightly
glaucous, leaves thin, veins prominent
beneath, fls. whitish to purplish,
fruit immature.

19372 *Veronica officinalis* L.
open pine woods, little underbrush

73 *Chimaphila maculata*
open pine woods, little underbrush;

June 8, 1941

wooded bottom land
74 *Galium*
near stream, moist soil

75 *Carex*
old clearing

76 *Acer*
~~deciduous~~ open woods, canopy
dense overhead

June 8, 1941

small elevated bog, dominated
by *Polytrichum* sp., with
some *Sphagnum*.

77 *Vaccinium*
brushy margin of bog

78 *Cornandra*
abundant in opening in brushy
margin of bog.

creeping, erect at tips, fls
pale lavender-blue, in
erect spikes.

leaves purplish green
veins paler, buds white.

plant, erect from somewhat
decumbent base, flowers white.
scattered plants

small tree 3 m. tall,
clear light green.

shrub 1 m. tall, lvs. glossy
green above, pale beneath,
immature fruit somewhat
glaucous, very few present
bark on old wood gray-brown,
shreddy, on young branches
green, turning reddish-brown.
plants only very slightly
glaucous, leaves thin, veins prominent
beneath, fls. whitish to purplish,
fruit immature

- 18379 *Rhododendron viscosum*
 bushy margins of bog
 growing in some numbers
 with plants with clear
 green leaves (#18780, 18791, 18782)

- 80 *Rhododendron viscosum*
 bushy margins of bog,
 growing with glaucous
 leaved plants (#18779)

- 81 *Rhododendron viscosum*
 bushy margins of bog,
 growing with glaucous
 leaved plants (#18779)

- 82 *Rhododendron viscosum*
 bushy margins of bog
 growing with glaucous
 leaved plants (#18779)

Washington, D.C. June 12, 1941
 cultivated as a street tree.

- 83 *Acer platanoides* L.

0.5 mi. s. of Great Falls, Fairfax Co.

50-90 m. June 15, 1941

Thickly wooded swamp and
 wooded bluff above it.

- 84 *Hedysotis purpurea* (L.) T. & G.

edge of woods along road at top of bluff, sandy. 90 m.

shrubs 0.5-1 m. tall, leaves
 glaucous, especially beneath,
 flowers white with red
 glands, red style, with
 a delightful carnation odor.
 collection from several plants.

shrub 3 dm. tall. ~~fls.~~ leaves
 clear green, fls. white with
 red glands, style white
 with green stigma, with
 carnation odor.

shrub 0.5 m. tall, leaves
 clear green, fls. white
 with red glands and style,
 with delightful carnation
 odor.

shrub almost 1 m. tall,
 leaves clear green, fls.
 white with red glands
 and slightly pinkish
 style with greenish-brown
 stigma.

small tree 7 m. tall, bark
 dark, leaves dark green,
 fruit not quite mature

small tufts, fls. lavender pink, plants
 quite variable in width & venation of leaves.

318385

*Vaccinium*edge of woods along road at top of bluff
90 m.86 *Monotropa uniflora* L.

steep slope

80 m.

87 *Aristolochia*

in crevices on rocky bluff

88

slopes near top of bluff

80 m.

89 *Panicum*

slopes near top of bluff

30 m.

90 *Vitis*

slopes near top of bluff

90 m.

91 *Scutellaria*

slopes near foot of bluff

60 m.

92 *Viola*

slopes near foot of bluff

60 m.

93 *Galium circaezans* Michx.

ledges on rocky bluff

60 m.

94 *Rhododendron viscosum*

opening in swamp, growing with #18395

50 m.

95 *Rhododendron viscosum*

opening in swamp, growing with #18394.

50 m.

96 *Lysonia ligustrina*

50 m.

bush 2 m. tall, bark gray, branches green, leaves somewhat venulose, berries partly ripe, slightly glaucous, ^{used ones} sweetish, and with fair flavor.

plant translucent white.

— practically odorless.

fls. brownish

small tufts of arching culms.

small tufts

woody vine climbing over trees, leaves glaucous beneath, inflorescence and tendrils reddish.

— flowers lavender, with lower parts of tube white, leaves with veins darker green than rest of leaf, under side paler.

— small tufts

shrub 3 m. tall, fls. white with red glands outside, style only reddish near apex, odor like carnations, leaves

— green, not glaucous.

shrub 3-4 m. tall, leaves green, not glaucous, flowers rose pink, with few red glands, style deep rose, odor like carnations.

— shrub, fls. whitish.

113397 *Lysimachia*
in mud in swamp 50 m.

98 *Rhus vernix* L.
fairly common in swamp

99 *Vaccinium*
in swamp

113400 *Ilex*
in swamp

01 *Laurus cernuus*
in swamp, abundant

02 *Dioscorea villosa*
in swamp

03 *Hypoxis hirsuta*
in opening under trees in swamp.

04 *Arisaema triphyllum*
abundant in swamp

05 *Arisaema triphyllum* L.
one small colony seen in swamp

06 *Lyonia*
in swamp

07 *Ilex*
in swamp, fairly common

flowers yellow

small tree 4 m. tall.

shrub 2.5 m. tall. bark gray, shreddy, berries not mature, slightly glaucous, leaves not venulose.

shrub 2 m. tall, fls. white.

erect

vine, leaves glaucous beneath, lower ones scattered. bulb deeply buried, fls. yellow

leaves green beneath, not glaucous, spathe deep purple inside, green outside with whitish stripes on tube, not fluted. several young plants seen with lobed leaves.

leaves green beneath, not glaucous, spathe pale green within and without, tube whitish, not fluted. shrub 2 m. tall.

shrub 3 m. tall, fls. whitish, ~~the~~ fragrant, stamens yellow.

- 13403 *Arisaema triphyllum* L. var. *montanum* Ten. 1
fairly common in swamp

- 1 09 *Dryopteris*
rare in swamp
2 10 *Dryopteris cristata*
fairly common in swamp.

1 mile S.E. of Merrifield, along Holmes
Run Fairfax Co. June 15, 1941
Dense woods, mostly deciduous,
with some pines, with clearings.

alt. 95 m

- 1 11 *Oenothera tetragona*
opening along trail
1 12 *Hedysotis caerulea* (L.) T. & G.
small colony on slightly elevated
place, little undergrowth
2 13 *Hedysotis purpurea* (L.) T. & G.
woods with little undergrowth
3 14 *Carex*
edge of woods, swampy place
1 15 *Carex*
edge of woods, swampy place
2 16 *Carex*
wet swaly meadow cleared in woods
1 17 *Carex*
wet swaly meadow cleared in woods
2 18 *Geum*
wet swaly meadow cleared in woods
2 19 *Carex*
wet swaly meadow cleared in woods.
abundant in wetter places.

leaves green beneath, not
glaucous, spathe deep
purple within, green without,
tube with whitish stripes,
not fluted.
fronds ascending to erect,
rhizome prostrate, ^{pinnal some-} what horizontal.
fronds erect, pinnae horizontal

~~erect~~
erect, fls. yellow

large clump, fls. lavender
pink, nerves visible in leaves.
2 or 3 culms spreading from
base, spikes pendent.
loose clump

small tufts

loose spreading tufts

erect, petals small, pale
yellowish.

- 318420 *Physocarpus opulifolius*
edge of woods
- 21 *Carex*
wet swaly meadow cleared in woods
- 22 *Salvia lyrata*
edge of woods in clearing

1.5 mi. s.w. of Falls Church, Fairfax Co.
dense brush in cut-over woods
with a few trees standing

June 15, 1941
alt 110 m.

- 23 *Ilex*
- 24 *Lambucus canadensis* L.
edge of field
- 25 *Hedyotis purpurea* (L.) T. & G.
trail in brush, ~~in *Physocarpus* *opulifolius*~~
- 26 *Myrica sylvatica* Marsh.
- 27 *Hedyotis purpurea* (L.) T. & G.
under pines
- 28 *Penstemon*
opening in brush.
- 29 *Scutellaria*
around edges of brush
- 30 *Uvularia perfoliata*
roadside in woods.
- 31 *Ceanothus americanus* L.
- 32 *Rosa*
edge of woods, wet place
- Slack Hollow, along Trappes Run
1 mi. s. of Falls Church, Fairfax Co.
edge of thicket, low heavy soil
- 33 *Cornus*

June 22, 1941

shrub 1.5 m. tall, others 3 m. tall
dense spreading clump.

shrub 2 m. tall, fls. white
shrub 2.5 m. tall, fls. white
small tufts, fls. lavender-pink

tree 10 m. tall, bark ~~scaly~~ gray,
fls. lavender-pink.

fls. very pale lavender-pink,
almost white.
fls. purple, paler on
underside,
immature capsule 3-lobed.

shrub 1 m. tall, fls. pinkish-
white
shrub ~~7 dm~~ 7 dm tall, fls
pink, fragrant.

shrub 1 m. tall, fls. white, fragrant

Sleepy Hollow, along Tripps Run, 1 mi. S.
Falls Church, Fairfax Co. June 29, 1941

marshy place in open pasture

48434 *Sagittaria*

35 *Juncus*

36 *Sagittaria*
common

37 *Eleocharis obtusa*

38 *Carex*
~~very common~~

39 *Carex*

40 *Myosotis*

41 *Galium*

same, wooded bottom land near stream

42 *Cryptotaenia canadensis*

43 *Geranium*

44 *Alnus americana*

45 *Lysimachia*

46 *Oenothera tetragona* ^{Michx.} var. *typica* Muhl.

Open brushy field, scattered
small scrub pines and deciduous trees.

47 *Quercus*

48 *Lonicera*

large colony

49 *Linum*

50 *Quercus palustris*

51 *Lambucus canadensis*

52 *Scutellaria*

fls. greenish, pistils translucent
- whitish

- small clumps or solitary
fls. green.

forming clumps and
- sod.

- small clumps

- small clumps or solitary

fls. blue-lavender, small.

plant erect, supported

by other plants, fls. white.

fls. white

petals ~~fls.~~ white.

tree 15 m. tall, bark rough,

- scaly, gray.

fls. yellow with red center

plant erect, fls. bright

yellow, open ~~all~~ all day.

leaves green, not at all glaucous, beneath

tree 10 m. tall, leaves gray beneath

plants in small clumps,

rays white

petals ~~fls.~~ stem striate, ~~scaly~~ ^{scaly} below,
fls. butter-yellow, ^{anthers red,} capsules
(immature) globose.

tree 10 m. tall

shrub 1 m. tall, fls. white,

- inflorescence flat-topped.

erect, fls. blue-violet, lower

part of throat white.

18453 *Trifolium*

Beltsville, Prince Georges Co. Md.

Acotunk Creek,

Soldiers Delight (ridge), 1-1.5 mi.
n. of Harrisonville, Baltimore Co. Md.

July 20, 1941

Alt. 200 m.

serpentine barren with
scattered oaks and a few
scrub pines56 *Oenothera perennis* L.57 *Viola*58 *Talinum teretifolium*
plant scattered59 *Asclepias (acutata) viridiflora*60 *Juncus*

small colony, edge of thin woods

61 *Paronychia*

small colony, edge of thin woods

62 *Quercus*

edge of thin woods

63 *Vaccinium*

edge of thin woods

fls. bright yellow

— fl. yellow, buds nodding
 — lvs. erect, with a slight
 bluish green cast, fruit only.
 leaves terete, fls. crimson.
 — stamens 15-16, yellow.
 — underground stem slender,
 elongate, fls. greenish
 tufts, strictly erect.

tree 10 m. tall, spreading,

bushes 3 dm. tall, fruit
~~the~~ glaucous, leaves
 glaucous beneath.

18464 *Felicia*fairly common locally in
open parts of barren18465 *Pycnanthemum*66 *Ceanothus*67 *Hedyotis caerulea* (L.) T. & G.
under oaks

68

~~single plants or small tufts~~69 *Phytolacca americana* L.
open barren70 *Hedyotis purpurea* (L.) T. & G.
disturbed place in clump
of young oaks71 *Quercus*72 *Quercus*73 *Quercus*74 *Lespedeza bicolor*

under oaks, disturbed place

75 *Panicum*

under oaks, disturbed place

76 *Panicum*

under oaks, disturbed place

77 *Quercus*

beside # 18478 + # 18479

78 *Quercus*

beside # 18477 + # 18479

79 *Quercus*

beside # 18477 + # 18478

~~80 *Hedyotis caerulea* (L.) T. & G.~~small ~~clump~~ loose
clumps from knotted rhizomessomewhat aromatic, fls.
white or very pale
lavender.

— large clump, 3-4 m. tall.

plants mostly in
fruit, fls. pale lavender
with yellow throat.— single plants or small
tufts, strictly erecterect from fleshy root,
plant pinkish in most parts.
large clump, fls. lavender
pink.

— small tree, 3-4 m. tall.

— small young tree 3 m. tall
tree 10 m. tall, bark dark

— gray, rough.

erect, roots yellow.

— in fruit only.

culms ascending, clump small

tufts small.

Tree 10-12 m. tall, bark

dark gray, rough, acorns
picked up under ~~tree~~

Tree where very abundant.

Solomon's Island, mouth of
Patuxent R. Calvert Co.

alt. 0 m. July 26, 1941

~~Brackish water~~

low meadow around brackish
pool.

18480 Juncus

in old road

81 Eupatorium

82 Prunus serotina

83 Sabatia

84 Apocynum cannabinum

85 Juncus

86 Acrida

abundant in mud at

edge of pool, stems reddish

87 Fimbristylis

88 Spartina

89 Salicornia europaea

~~90 Scirpus~~

90 Scirpus
scarce

91

92

93 Paspalum

94 Cyperus

95 Achillea millefolium L.

erect, not quite in flower
- plant somewhat grayish
tree 7 m. tall, fruit red,
- turning black
- flowers bright rose-pink
flo. white, stems red,
- with milky sap.

erect, stems reddish

- erect, common

- erect

erect, ~~stems~~ joints

- green, terete

small clump, plant
- light green
medium clump, ~~plant~~
- inflorescence rather stiff.
- small clump
- culms spreading
- plant aromatic, heads white.

in sand at
top of beach
18496 *Commelina*

97 *Spartina*

98 ~~*Digitalis*~~

99 *Phytolacca americana*

along Tripps Run,
Sleepy Hollow, 1 mi. s. of Falls
Church, Fairfax Co. July 27, 1941
wooded bottom-land.

18500 *Mimulus ringens*
wet place near stream

01 *Impatiens biflora*
muddy place

02 *Asclepias incarnata* var. *pulchra*
wet place near stream

03 *Thalictrum*
wet place near stream

04 *Lilium*
near stream, with #18509

05 *Lilium*
near stream, with #18504

06 *Smilacina*
in edge of woods

07 *Sabbatia*
edge of woods

luxuriantly spreading,
rooting at nodes, fls. blue,
faded by afternoon.

abundant, forming
dense cover on ground.
plant 2 m. tall, fls.
whitish.

erect, up to 1.5 m. tall,
corolla pale violet, with
a yellow patch on the
lower lip in the throat,
very readily caducous.
fls. orange, ^{mottled} deeper inside,
stems translucent.
corolla rose, crown paler

fls. whitish, leaves
glaucous beneath.
perianth copper-color,
with maroon spots
in basal half inside,
recurved.
perianth copper-red distally,
yellow with maroon
spots in center, recurved
fruits green, punctate
with red.
fls. pink

18508 *Zygadenus*

edge of woods

09 *Phlox maculata*
edge of woods10 *Ranuncula*11 *Geranium*12 *Cryptotaenia canadensis*13 *Phacelia*

14

15 *Hypericum*16 *Juncus*17 ~~16~~ *Lilium*18 *Athyrium*19 *Thalictrum*

sterile slope with seedling pines

20 *Euphorbia*21 *Prunella vulgaris*

fls. white, segments
 somewhat greenish at base
 stem spotted with dark red,
 lvs. somewhat paler beneath,
 fls. bright magenta,
 paler outside.
 plant dark green, when
 broken with an unpleasant
 oily odor.
 petals white

stems prostrate,
 spreading, peduncles
 erect, fls. ~~pink~~ brick red,
 shading lighter, keel
 dark, somewhat twisted
 stems prostrate, spreading,
 fls. pinkish.
 erect, past flowering.

erect, dark green, flowers
 with perianth segments
 red, with maroon spots
 toward center, recurved.
 rhizome buried, prostrate
 erect at tips.
 fls. whitish, lvs. glaucous
 beneath, stem decumbent.
 plant erect with a whorl
 of branches at apex, glands
 green with broad white
 appendage
 fls. violet

18522 *Pycnanthemum*

same loc.

Aug. 10, 1941

disturbed bottom land,

23 *Digitaria sanguinalis* (L.) Scop.24 *Agrimonia*25 *Lobelia inflata* L.26 *Crotalaria sagittalis* L.27 *Oxalis*28 *Polygala*29 *Acalypha*30 *Panicum*31 *Panicum*32 *Polygonum persicaria* L.33 *Acalypha*34 *Hypericum*35 *Cassia*

same loc.

Sept. 7, 1941

sterile old field with
scattered small pines,
gentle slope, red clay soil.36 *Catalpa*37 *Heiracium*38 *Triodia flava*39 *Aristida*40 *Paspalum*41 *Chrysopsis mariana*42 *Galium*43 *Desmodium*

fls. pale lavender

- spreading, decumbent and
- rooting at lower nodes.

- erect, fls. yellow

- erect, fls. pale lavender

- erect, fls. yellow. Possibly
- introduced with lawn grass seed

- erect fl. yellow

- fls. magenta

- small tufts

- small tufts

- erect, fls. pinkish but

- dull.

- fls. orange, plant erect.

- fls. yellow, small.

- small, young tree, 3 m. tall.

- fls. yellow

- inflorescence purple, sticky,

- culms erect.

- erect, scattered single plants.

- erect, scattered single plants.

- fls. bright yellow

- erect in grass, roots yellow

- erect from strong tap root,

- fls. dull purplish

- 17544 *Nigittaria*
disturbed ground.
- 45 *Solanum nigrum*
disturbed ground
- 46 *Desmodium*
- 47 *Diodia teres* Walt.
disturbed ground
- 48 *Letaria*
disturbed ground
- 49 *Forghastium nutans*
- 50 *Desmodium*
- 51 *Solidago*
- 52 *Leapedeza*
- 53 *Trichostema*
- 54 *Eupatorium perfoliatum*
- 55 *Gnaphalium polycephalum*
- 56 *Leapedeza ~~cuneifolia~~*

Washington, D.C.

cult. E. of Treer Art Gallery

- 57 *Acer nigrum* var.
same loc.
- 58 *Acer nigrum* var.

- clumps spreading
at base, then erect.
berries still green
- large clump, stems
erect, leaves dark
green above, somewhat
glaucous beneath, flowers
bright purple.
fls. pale lavender - pink
- plants spreading at
base, then ascending.
main culms erect,
anthers yellow ^{from heavy taproot}
large clump, stems
spreading, flowers
greenish blue.
erect, flowers yellow
prostrate, mat-forming,
from strong tap-root,
fls. pink, darker in center.
fls. blue
erect, fls. white.
erect, herbage with a
pleasant peppery odor.
erect, fls. pink with
dark centers

Sleepy Hollow, along Tripps Run,
1 mi. s. of Falls Church, Fairfax Co.
Sept. 21, 1941

Marshy place along
stream in pasture

13559 Eupatorium
stream bank

60 Cyperus

61 Leersia

stream edge

62 Cyperus

stream bank

63

stream bank

64 Aster

65 Polygonum sagittatum
abundant

66 Polygonum
abundant

67 Polygonum arifolium L.

68 Bidens

69 Lycopodium

70 Asclepias incarnata L.

heads purplish pink,
stems ^{concolorous} glaucous, not
conspicuously darker at
nodes, with only a
very small cavity, probably
due to insects. Plant 1.5 m.
tall.

small tufts
leaves saw-edged

strong oily odor when
crushed, especially the fruit.
rays pale lavender,
disk yellow, turning red
flower heads reddish
externally
fls. white at apex, green
toward base, plant
ascending
sepals bright red at
apex, greenish below,
main stem reclining,
branches ascending
heads yellow-green
small clump, stolons
filiform.
fruit green, erect

18571

72 *Lespedeza*73 *Eleocharis*74 *Cyperus*75 *Hypericum*76 *Lolium carolinense*77 *Vernonia*78 *Eupatorium coelestinum*

open pasture

79 *Quercus palustris*80 *Quercus*81 *Liriodendron tulipifera*
edge of woods, ~~by~~ stream.

same loc.

Sept. 28, 1941

Along shallow ravine in pasture

82 *Polygonum pennsylvanicum* L.
dry place83 *Aster puniceus* L.near stream, abundant in
damp places, ~~up to 2 m. tall~~84 *Lolida*

herbage strongly and
- pleasantly aromatic.
- erect
- forming a turf
small tufts hidden
- by other plants
- fls. yellow
- fruit obovoid, greenish-yellow
- erect, fls. deep violet,
involucres purplish-
green, their bracts spreading
- or curved at tips.
leaves with only a faint
odor when crushed, heads
a beautiful lavender-blue.

Tree 20 m. tall, trunk dark
gray, checked, 1 m. thick.
lower branches strongly
- deflexed, acorns ~~still green~~
Tree 10 m. tall, leaves
gray-green beneath, acorns
- still green, spec. from lowest br.
Tree 15 m. tall, fruits
green, erect. sp. from
lowest limbs on sunny side.

erect, flowers pinkish

up to 2 m. tall, rays bright
lavender, disk greenish-yellow.

Infl. flat-topped, heads yellow

18585 *Lobelia siphilitica*
moist banks

18586 *Botrychium dissectum*
edge of woods, in tangle
of *Lonicera japonica*

87 *Dulichium arundinaceum*
abundant in desiccating
swampy place

Accotink Creek,

Sept. 28, 1941

18588

open stony creek margin

89 *Cryptotaenia canadensis*
rich ^{wooded} bottom land

90 *Lindera benzoin*
rich wooded bottom land
along stream

91 *Galium circaezans*
rich wooded bottom land

92 *Agrimonia*
rich wooded bottom land

93 *Gratiola*
muddy ^{stony} stream margin

94 *Galium triflorum*
rich wooded bottom land

erect, ~~erect~~ corolla violet,
upper side split to base,
lower side ribbed and stippled
with lavender, filament
column violet, anthers
- greenish.

Upper leaf surface and
stipes bronzed.

leaves conspicuously
3-ranked

small clump, erect, spikes
- somewhat drooping
fruits with little or no
- odor when crushed.

shrub 3 m. tall, aromatic
when broken; note next
- years flower buds.

erect or ascending, roots
- yellowish
erect

apparently perennial,
roots yellow, stems
prostrate or almost
so, resting on other plants

Along Tripp's Run, Sleepy Hollow
1 mi. s. Falls Church

Oct. 4, 1941

- 18595 *Aster ericoides*
Old field with scattered
young trees
- 96 *Aster*
Along abandoned road in
wooded bottom-land
- 97 *Galium*
decussating swamp, edge
of woods
- same loc. Oct. 5, 1941
- 98 *Aster*
Old field with scattered
young trees, *Solidago*
most abundant herb.
- 99 *Solidago corymbosa*
Abundant in old field
- 18600 *Solidago*
Abundant in old field
- 01 *Gerardia*
Old field
- 02 *Smilax rotundifolia* L.
Wooded fence-row in low
place, normally moist, in
old field.

rays white, disk yellow,
turning reddish-brown.

rays white, disk yellow,
turning red.

clambering in dense
tangles over herbaceous
undergrowth. flowers
white, 4-parted. roots
fine and fibrous

rays white, short and
blunt, disk yellow,
turning reddish brown.

just past flowering

just past flowering

corolla rich magenta,
plant dark red-purple
forming dense thorny
tangles, growing from
strong underground
rhizome, this neither
tuberous or aromatic.
berries black, with a
slight bloom, leaves
glossy on both sides,
spines bright green, only
blackened at tips

18603 *Pycnanthemum flexuosum*
old field

✓ 04 *Miscanthus sinensis*
old field, only one clump in
neighborhood

05 *Quercus phellos*
edge of pasture, wooded
fence-row.

06 *Vitis*
~~edge of~~ wooded fence-row

07 *Gentiana*
desiccated low place (ordinarily
moist) in old field, only one
clump seen.

08 *Vernonia*
roadside, ~~recently~~ recently disturbed

09 *Quercus stellata*
edge of dense patch of
woods on knoll.

Soldiers Delight

Oct. 17, 1941

10 *Polygonum*

Sleepy Hollow, s of Falls Church,
Fairfax Co. Va. Dec. 7, 1941
scattered second growth of
pines on worn out old field

11 *Pinus echinata* Mill.

12 *Pinus rigida* Mill.

13 *Pinus pungens* Lamb.

erect, aromatic when
broken
large dense clumps,
culms strictly erect,
spikes somewhat spread-
ing when mature.

Tree 25 m. tall, over 1 m.
thick breast high, bark dark
gray.

woody vine, climbing
over small trees, fruit
blue, small, poorly flavored.
plant almost dry when
collected, flowers closed,
violet-blue.

flowers dark red-purple.

scraggly tree 3 m. tall,
leaves somewhat glaucous
beneath.

tree 7 m. tall, open and symmetric, twigs glaucous
tree 8 m. tall, old cones on branches, young twigs
tree 6 m. tall, open, scraggly, spreading.

Vienna, Fairfax Co. Jan. 8, 1942

- 18614 *Haemanthus albiflos* det. C. Hope
cult in pot in house

Sleepy Hollow Rd. s. of Tripps Run,
Fairfax Co. Jan. 24, 1942

- 15 *Pinus rigida* Mill.

Old field, with scattered pines

- 16 *Pinus virginiana* Mill.

Old field with scattered pines

Lee Blvd. ^{Heights} 1 mi. en. Ft. Buffalo, 3
Fairfax Co. Mar. 6, 1942

Thin, mixed woods

- 17 *Salix humilis* Marsh

- 18 *Salix humilis*

Sleepy Hollow

Apr. 19, 1942

wooded bottom land, banks of
small stream.

- 19 *Prunus americana*

- 20 *Amelanchier*

Sleepy Hollow

Apr. 24, 1942

^{wooded} wet bottomland along Tripps Run

- 21 *Cerastium*

- 22 *Dentaria*

- 23 *Carpinus caroliniana* var. *virginiana*
(Marsh.) Torr

- 24 *Anemone quinquefolia*
moist wooded bottom, covered by *Lonicera* sp.

bright green,
bulb above ground, lvs thick,
fl. white, odorless

small tree 6 m. tall

small tree 8 m. tall

♀ plants 7-10 dm. tall, small
♂ ~~patch~~ colony with #18617-19

tree 8 m. tall, fls. white

tree 5 m. tall, fls. white
same tree as *

fls. with petals white, deeply
bifid, anthers burnt-orange,
ovary greenish-white, styles 3, erect.
fls. white, rhizome fleshy,
somewhat moniliform
tree 9 m. tall, bark smooth
lead gray, catkins
pendent, stamens reddish
flower white, rhizome white

Heapy Hollow, along Tripps Run

Apr. 20, 1942

~~Woods~~ wooded pasture, level ground

18625 *Draba verna*

~~Dryer's Creek,~~

Ellendale, Sussex Co., Delaware

May 1, 1942

26 *Euphorbia*

cinders and sand along railroad.

27 *Scleranthus*

weed in cultivated ground

28 *Myrica*

brushy flat sandy land ^{with 2 following}

29 *Myrica*

with 18628, 18630. brushy flat sandy land

30 *Myrica*

with 18628-18629 brushy flat sandy land

1 1/4 mi. s. of Milton, Sussex Co. Del. May 1942

wooded swamp, abundant

Sphagnum

31 *Arisaema triphyllum* L.

32 *Viola pallens* (Walters) Brainerd det. T.O.G.

33 *Helonias bullata*

fls. white, pods rather thick.

leaves varying from red to green. caespitose, roots vertical, fleshy, sap milky. prostrate, spreading.

flowers green.

shrub, m. tall, leaves

purple-bronze.

low intricately branched

shrub, leafless.

shrub 2 m. tall, branches

ascending to erect, leaves

almost all gone.

Leaves clear green beneath
spathe not fluted outside
green with white stripes,
hood black - purple within
leaves dull. fls. white with
black markings in center,
lateral petals slightly hairy
at base within.

scape erect, fls. pink, pollen
blue, plant spreading by short
rhizomes

Cedar Creek, 5 mi. e. Milford, Sussex Co.

Del.

May 1, 1942

13634 *Alnus* ^{serulata} ~~serulata~~ Willd.

near stream

35 *Alnus maritima*

near stream

36 Milford, Kent Co. Del. May 1, 1942

Holostium umbellatum
sandy roadside

Alston Branch of Leipsic R. (Little Duck Cr.)

5 1/2 mi. n. w. of Dover, 1/2 mi. s. Bethel

Kent Co.

May 1, 1942

37 *Cardamine bulbosa*

swamp

38 *Caltha palustris*

swamp (southern limit known
in Delaware)

39 *Chrysosplenium americanum*

swamp

40 *Veratrum viride*

swamp

Landon Branch, 3/4 mi. s. of

Blackbird, Newcastle Co. Del. May 1, 1942

41 *Viola triloba*

roadside

42 *Mitchella repens*

swampy woods

43 *Viola cucullata*

Del. Co.

shrubby swamp, near stream, in sand.

small shrub, 2 m. tall.

shrub 2 m. tall, cones
ovoid, blackish.

plant erect, leaves
glaucous

from an irregular tuber.
calyx green turning yellow,
petals white.
fls. bright yellow.

plant fleshy

erect, fls. green

fls. deep violet

prostrate, fruit scarlet.

fls. violet

5 mi. s. of Odessa New Castle Co. Del.

May 1, 1942

18644 *Anemone quinquefolia*
roadside, cleared in boggy woods.45 *Viola triloba* Det. Engelman
roadside, cleared in boggy woods.Proyers Creek (at Dupont Highway)
New Castle Co. Del. May 1, 194246
roadside47 *Aralia nudicaulis* beech
steep bank, under trees48 *Epifagus*
steep bank, under beech trees49 *Rhododendron nudiflorum*
wooded low hill50 *Fagus*
steep wooded bank51 *Antennaria*
bottom of ravine, under
beech trees.Fiddlers Bridge, 1 mi. s. of
St. George's, New Castle Co.
Del. May 1, 194252 *Vaccinium*
swamp53 *Caltha palustris*
swamp

rhizome white

fls. deep violet.

slightly bluish green

fls. greenish

dried plants from last year.

fls. bright pink, almost red.
lvs. not glaucous.from lower n. w. branches.
tree 10 m. tall, bark gray,
fruits picked up under tree.
fls. whitish.bush 1 1/2 m. tall. corollas
pendent, white, fragrant,
sprays of branchlets
horizontal.

fls. bright yellow

Sleepy Hollow, along Tripps Run
 1/2 m. S. Falls Church, Fairfax Co.
 May 2, 1942

- 18654 *Fagus grandifolia*
 solitary tree in pasture

Accotink Creek, 8 mi. W. S.W. of
 Alexandria, 2 mi. S.W. Garfield, Fairfax
 Co. Va. May 3, 1942.

- 55 *Podostemum ceratophyllum* Michx.
 abundant on rocks in stream bed.

Accotink Creek, 1.5 mi. N.E. of
 Fairfax, Fairfax Co. May 3, 1942
 Rich bottom land, deciduous
 woods with large beech and
 tulip trees

- 56 *Stellaria pubera* Michx.
 57 *Fagus grandifolia* Ehrh.

- 58 *Erythronium americanum*

large tree, 20 m. tall,
 bark gray, twigs dark
 brown, staminate heads
 falling, twigs taken
 from lower branches on W.
 side of tree, fruits and
 involucre picked up
 from ground beneath tree.

rhizome black, leaves green

fls. white, petals deeply cleft, styles 3
 large tree, about 30 m. tall,
 trunk 1 m. thick, bark dull gray,
 staminate fls. mostly from
 ground beneath tree, pistillate
 fls. not found ~~on tree~~
 within reach on any
 tree in colony, ~~from~~
~~from~~ involucre from ground
 beneath tree; same colony as # 18342.
 fruiting peduncle bent over to ground,
 fruit green, void to trigonum, weakly triangular

Leefly Hollow, along Tripps Run,
Fairfax Co. May 17, 1942

~~Ocimum~~ ~~sp.~~

- 18659 *Salvia lyrata*
Occasional in pasture

✓ Top of Brushy Mt., Sevier Co.
Great Smoky Mts. Nat. Park, Tenn.
alt. 1500 m. June 13, 1942

Heath bald, bushy vegetation
1-2 m. tall, mostly Ericaceae.

- 18660 *Rhododendron catawbiense* Michx.

61 *Lycopodium obscurum* L.

62 *Ilex monticola*

63 *Leisophyllum byoni*

64 *Vaccinium constableri* Gray
(*V. simulans* x *altimontanum*,
hexaploid, fide Camp.)

65 *Viburnum cassinoides* L.

66 *Ribes Aronia melanocarpa* (Mx.) Ell.
det. Mx.

Sevier Co. *Trillium* Gap (Beech Gap), Brushy Mt.
Great Smoky Mts. Nat. Park alt. 1450 m.
June 13, 1942

Beech forest, rather open.

- 67 *Fagus heterophylla* Raf.

erect, corolla lavender,
calyxes maroon above,
green below. Plants
apparently not eaten
by cattle, but with no
strong odor.

shrub 1 m. tall, fls.
rose purple.

shrub 3 m. tall, lvs. in
small rounded clumps,
leaves glossy, dark green,
fls. white
shrub 2 m. tall, not
especially of *C. canadensis*.

shrub 1 m. tall, fls.
cream white, odor unpleasant.

slender trees with dark, lead gray bark.
fruiting in upper branches (twigs blow down)

18668 *Fagus heterophylla* Raf.

69 *Rubus canadensis* L. det. M. V.

Trail from Green Brier Cove
up Brushy Mt., Great
Smoky Mts. Nat. Park,
Sevier Co., Tenn. June 13, 1942
Mixed forest 1400 m.

70 *Aristolochia macrophylla*

71 *Acer nigrum* var.

72 *Carex debilis* var. *rudgei* Bailey det. F. J. H.

73 *Carex communis* ~~Bailey~~ Bailey det. F. J. H.

74 *Carex aestivalis* M. A. Curtis det. F. J. H.

75 *Carex radiata* det. F. J. H.

76 *Carex leptoneuria* (Fern.) Fern. det. F. J. H.

77 *Carex aestivalis* M. A. Curtis det. F. J. H.

78 *Kalmia latifolia*

79 *Prunus pennsylvanica*

80 *Caulophyllum thalictroides*

small colony

81 *Viburnum alnifolium*

82 *Medeola virginiana*
shady banks

small tree shade
leaves collected from
lower branches, same
colony as #18667.
canes high arching,
tips drooping almost
to ground, fls. white.
colony all nearly thornless.

vine climbing over trees
fls. with mottled
brown on green limb,
- deep brown center
small sprout, sterile,
lvs. green beneath.
small ~~erect~~ clump, spikes
- drooping.
- spikes erect

- tufts

erect clump,
- bush 3 m. tall, fls. pink
slender trees 4 m. tall,
- fruit very young.
- fruit immature.
- shrub 2 m. tall, fruit
immature
fls. greenish, styles brown
shiny ~~and~~ white, fleshy

13683 *Euonymus ovatus*84 *Oxalis montana*
on mossy rocks85 *Dentaria heterophylla* Nutt.86 *Tiarella cordifolia* var. *typica*
on mossy rocks87 *Laxifraga micranthidifolia*
in wet ground in spring88 *Amelanchier laevis* Wieg. ^{alt. 200}
~~shrub 3 m. tall~~

1300 m.

89 ~~Asch.~~ *Desculus*90 *Cystopteris fragilis*
on mossy rock91 *Acer nigrum* var.92 *Acer spicatum*

7100 m.

93 *Lambucus racemosa* L.

1100 m.

94 *Leucothoe catesbeii*
rocky place in woods,
bottom of gully95 *Galax aphylla*
commonprostrate, stems green
fls. white, red veinedrhizome green, cylindrical,
crooked, with rough
enlargements;
fls. white

fls. white.

shrub 2 m. tall,
fruit immaturesmall tree 4 m. tall.
many enormous ones in vic.sprout at base of tall
tree, lvs. slightly glaucous
beneath.low sprawling shrub or
tree, racemes erectshrub 2 m. tall,
infl. convex, fruit immature.sprawling shrub,
fls. waxy, translucent,
whitish. lvs. leathery,
pale beneath.
fls. white, rhizome
fleshy, branched.

900 m.

- 18694 *Lynia ligustrina*
 bushy woods
 97 *Lycopodium tristachyum*
 98 *Glycyssacia ursina*
 99 *Vaccinium simulacrum*
 (near typical acc. Cl. Camp)

850 m.

- 18700 *Rhododendron calendulaceum*
 (approx. *R. cumberlandense*)
 01 *Smilax bona-nox* L. det. C.O.E.
 02 *Rhododendron calendulaceum*
 300 m.
 03 *Halesia carolina* L.
 04 *Hedyotis purpurea* (L.) T. & G.
 05 *Hydrangea arborescens*
 06 *Hedyotis purpurea* (L.) T. & G.
 07 *Calycanthus fertilis* Walt.

- shrub 1 m. tall, fls.
 white.
 spikes erect.
 shrub 2 m. tall,
 fruit immature
 shrub 2 m. tall
 not especially glaucous.

- shrub 1.5 m. tall, fls.
 deep vermillion, not
 esp. glandular. (with #18704)
 vine climbing over
 bushes, fls. yellow-green,
 lvs. glaucous beneath.
 shrub 1 m. tall,
 fls. flame orange,
 glandular. (with #18700)
 tree 3 m. tall, (many
 others many times as
 large) fruit green.
 fls. barely purplish,
 almost white.
 shrub 1 m. tall, fls. white.
 small tufts, fls. pale lavender.
 shrub 1 m. tall, tangled,
 fls. and broken herbage
 aromatic, fls. maroon,
 leaves glaucous beneath.

✓ Silers Bald,
 Stateline Ridge, Great Smoky
 Mts. Nat. Park, North Carol. - Tenn.
 Boundary, 1720 m. June 14, 1942

Open grassy ridge-top.

18708 *Osmunda cinnamomea*

09 *Fagus heterophylla* Raf.
 trees at edge of bald.

10 *Hedyotis michauxii* Tsch.

11

Aesculus octandra

edge of bald

12 *Hedyotis purpurea* (L.) T. & G.

Stateline Ridge, 1 mi. w. of
 Clingman's Dome, etc. 1700 m.
 June 14, 1942

brushy opening on ridge

13 *Acer spicatum* var.?

14 *Acer spicatum* var.?

15 *Fraxinella carolinensis* (Walt.) Mill
 under trees

16 *Arisaema triphyllum* L.
~~growing~~

Stateline Ridge, 1 mi. e. of
 Silers Bald. alt. 1650 m. June 14, 1942

17 *Hedyotis michauxii* Tsch.
 along trail in ~~woods~~ opening

18 *Diphyleia cymosa* Michx.
 seepy slope below rocky place

19 ~~Hydrophyllum~~ *Phacelia bipinnatifida*
 open place in woods

erect young plants.
 dwarf tree, 4 m. tall.

loose cushion-like tufts,
 stems erect, fls. clear
 blue with yellow eye.
 tree 5 m. tall, fls. yellow

large tuft, fls. pinkish

shrub 3 m. tall, fls. greenish
 lvs. very rugose.

fls. white

spathe greenish, mottled
 finely with brown, not fluted,
 leaves not glaucous.

fls. almost white, with
 yellow eye, plants erect.
 flowers white, plants
 5-8 dm. tall.
 fls. deep purple.

- 18720 *Habenaria fimbriata*
openings and under trees
common but mostly in bud.
- 21 *Saxifraga michauxii* Britt
wet shaded rocks
- 22 *Rhododendron calendulaceum*
brushy opening
- 23 *Vaccinium erythrocarpum*
rocky place, ledges
- 24 *Rhododendron calendulaceum*
brushy opening
- 25 *Fagus heterophylla* Raf. (extreme
edge of opening)
- 26 *Hedysotis michauxii*
wet seepy place
- (27 *Menziesia pilosa*
rocky brushy ridge
- ✓ w. ridge of Clingman's Dome
G. S. N. N. D., N. C. - Tenn. bound.
1711 m. June 14, 1944
- 28 *Hedysotis michauxii*
seepy place
- 29 *Abies fraseri*
rocky slope

plant erect, fls. rose-purple.

leaves purplish beneath,
fls. white, 2 petals narrower.
corolla clear orange, stamens
yellow

shrub 1 m. tall, fls.
pinkish.

corolla flame-vermillion
with one inner lobe yellow
(shrub 1.5 m. tall)
small tree.

erect, fls. blue with
yellow eye.

shrub 1 m. tall, fls. orange-red.
leaves glaucous beneath

loose clumps, plants
erect, fls. blue with
yellow eye.
small tree, 3 m. tall,
others much larger.

Saluda, Polk Co.

June 15, 1942 620 m.

13730 *Lepidium virginicum*
vacant lot.31 *Juncus macer* S. F. Gray det. F. J. H.
vacant lot32 *Carex texensis* (Tuck.) Bailey det. F. J. H.
vacant lot33 *Hedysotis purpurea* (L.) T. & G.
vacant lot34 *Geranium carolinianum* L.
roadside35 *Commelina communis* var. *ludens*
roadside

1 mi. n.w. of Tryon, Polk Co.

June 15, 1942

36 *Panicum* ~~ashii~~ ^{barb.} *barb.* bare road-cut.36 *Panicum dichotomum* L. det. F. R. S.37 *Hedysotis purpurea* (L.) T. & G.

E. slope of Warrior Mt., 2 mi. w. n. w.

of Tryon, Polk Co. N.C. June 16, 1942

Wooded slopes alt. 350 - 600 m.

38 *Crataegus* aff. *C. integrata* det. R. M. V. 350 m.
along old road.39 *Ipomoea pandurata* 400 m.
edge of vineyard40 *Lilaeum Lychnis alba* Mill. 550 m.
weedy roadside41 *Tradescantia* ^{*subsp. var. montana*} ~~*pallescens*~~ det. F. R. S. 550 m.
shaded roadside42 *Paronychia canadensis* Wood 550 m.
disturbed roadside

tufts

plant in loose spreading
tufts- tufts, stems erect, fls.
lavender pink, throat striped
with deeper color within.

- petals white

plant erect, upper petals
brilliant blue.

small tufts

- spikelets purplish
tufts, leaves paler beneath,
fls. lavender pink.

slender shrub 2 m. tall

vine, fls. white

extensive, decumbent
herb, fls. white.- erect, fls. purplish,
- fading in afternoon.

18743 *Oenothera tetragona*
old road

44 *Medeola virginiana*

(45a *Carex swainsonii*

det. F. J. H.

45 *Carex virens*
old road

det. F. J. H.

46 *Zizia aurea* (L.) Britt. det. R. M. S.
old road

47 *Iris cristata* Ait. det. C. O. S.
side of old road

48 *Gillenia trifoliata* (L.) Moench
old roadside

49 *Heuchera americana* L.
edge of woods

50 *Prunella vulgaris*
old road

51 *Panicum brevifolium* det. J. R. S.
edge of woods

52 *Urtica perfoliata*

53 *Ulmus fulva* Michx.

54 *Astilbe biternata* (Vent.) Britt.
talus at side of old road

55 *Polygonatum biflorum* det. C. O. S.
edge of woods

56 *Cryptotaenia canadensis*
old road

57 *Festuca obtusa* L. det. J. R. S.
steep slope

58 *Botrychium virginicum*
steep slope

59 *Arabis*

~~steep~~ steep slope, open forest

60 *Smilacina racemosa*
plant arching, fruit purplish

600 m fls. lemon yellow

600 m fls. greenish yellow
stamens and styles reddish.
600 m. spreading tufts

600 m.

600 m large clump of matted
rhizomes

550 m.

550 m. clump of matted rhizomes.

550 m.

550 m.

550 m fruit triangular-obovoid
tree 10 m. tall

500 m rhizome thick, reddish inside,
hard, woody. 1 m. tall.

900 m erect, arching, leaves
glaucous beneath.
fls. white

950 m. infl. drooping

950 m ~~fruit~~ fruit withered

950 m.

950 m.

- 18761 *Lindera benzoin* (L.) B.P.
along stream in gully
- 62 *Adiantum pedatum* L.
along stream in gully
- 63 *Cystopteris fragilis* (L.) Bernh.
wet bank in gully
- 64 *Hydrophyllum canadense* L. var. ?
along stream in gully
- 65 *Cyperus hystericus* det. F. J. H.
roadside in vineyard
- 66 *Bromus japonicus* Thunb. det. F. J. H.
roadside in vineyard
- 67 *Paspalum dilatatum* det. F. J. H.
roadside in vineyard
- 68 *Plantago aristata*
roadside in vineyard, abundant
- 69 *Vitis rotundifolia*
woods along road
- 70 *Galium circaeazans*
woods along road
- 71 *Lanicula trifoliata* Bickn. det. M. V.
old road
- 72 *Asclepias variegata* L.
small draw
- 73 *Hydrangea radiata* Walt.
edge of woods
- 74 *Scutellaria ovalifolia* Pers.
wooded roadside
- 75 *Hydrangea radiata* Walt.
wooded roadside
- 76 *Vaccinium vacillans* Kalm
thin woods

- 400 m. arching shrub 2 m. tall,
aromatic when broken.
- 400 m.
- 400 m.
- 400 m. [stems with ^{petioles} coarse hairs,
leaves not typical.]
- ~~400 m.~~
400 m.
- ~~400 m.~~
400 m. infl. drooping
- 400 m.
- 400 m.
- 350 m. vine climbing over trees
- 350 m. roots yellow
- 350 m.
- 350 m. fls. white with purple column
- 350 m. fls. white, shrub 1 m. tall.
- 350 m. corolla with lips violet,
tube pale lavender.
- 350 m. fls. white, one or two
marginal ones sterile and
enlarged in one infl., not
in others.
- 350 m. fruits glaucous. lvs.
glaucous beneath, plants 2-3 dm.

- 13777 *Galium*
thin woods
- 78 *Vaccinium stamineum*
thin woods
- 79 *Leiocarpus asteroides* (L.) B.S.P. det. F.B.
thin woods
- 80 *Asclepias tuberosa* L.
roadside

Saddle bet. Warrior Mt. and
Round Mt., 2 mi. w. n. w. of
Tryon, Polk Co. N.C. alt. 600 m.
June 16, 1942

- 81 *Gnaphalium purpureum*
pasture
- 82 *Polygonum hydropiper* L. ^{det. M.C.V.}
pasture, large colony in low place

Valhalla, 1.5 mi. w. n. w. of Tryon,
Polk Co. N.C. June 16, 1942

- 83 *Medicago arabica* (L.) Ruds.
edge of cultivated ground.

Wooded gully 4 mi w. n. w. of Tryon,
Polk Co. N.C.
June 17, 1942

- 84 *Fagus grandifolia* f. *pubescens*
Deep woods, bottom of gully.
- 85 *Caulophyllum thalictroides*
- 86 *Rhododendron maximum* L.
- 87 *Hepatica Anemone acutiloba* (DC.) Laws.
moist shaded bank.

- 300 m. large tuft, fls. reddish,
- lobes aristate
- 300 m. bush 1 m. tall, fruits &
lvs. glaucous, fruit pendent.
- 300 m. rays white, disk purplish
- 300 m. fls. reddish-orange

erect

erect, infl. drooping

fls. single, yellow,
plant elongate, sprawling

Tall tree, over 5 dm. thru.
- specimens from lower branches
leaves glaucous beneath,
- fruit immature.
shrub 3 m. tall, fls. pinkish
white.
sterile

18788 *Phlox carolina*

clearing on steep slope

18789 ~~*Thlaspi pedicula*~~ *Schrankia nuttallii*
edge of clearing

Flat Rock, Henderson Co. N.C.

Flat granite outcrop. June 17, 1942

675 m.

18790 *Pinus strobus* L.

shallow soil, edge of granite.

91 *Crataegus flava* Ait. det. M. V.
shallow soil pocket92 *Juncus macrocarpa* Gray det. F. J. H.
shallow black soil93 *Penstemon*
shallow soil94 *Vaccinium vacillans*
shallow soil95 *Carex longii* Mack. det. F. J. H.

thin soil deposit in depression

96 *Erigeron annuus* (L.) Pers. det. R. M. V.
shallow black soil97 *Panicum tenuisensense* Ashe det. J. R. S.
thin soil deposit in depression98 *Senecio galeamifolius*
thin soil deposit99 *Rumex acetosella* det. M. V.
thin soil deposit18700 *Veronica peregrina* L. det. M. V.
thin soil deposit01 *Sclaginella rupestris*
very abundant on surface of granite02 *Krigia virginica*
rare in small soil pockets
in crevices, etc.fls. magenta, stems
not conspicuously mottled.
leaves sensitive, fls. lavender.tree 15 m. tall, cones from
ground beneath.
shrub 2 m. tall, fruit green.

tufts

fruit immature

bush 5 dm. tall, glaucous,
fruit immature
dense clumpsrays very pale lavender,
almost white.
tufts

fls. bright yellow

from underground rhizomes

forming extensive mats.

- 18803 *Talinum teretifolium*
crevices and thin soil pocket

~~at~~ around upper millpond,
just s. e. of Flat Rock, Henderson Co. N.C.

675 m June 17, 1942

- 04 *Gaylussacia obovata* (small) amp
white pine woods
05 *Tephrosia virginiana* det. F. J. H.
white pine woods
06 *Scutellaria pilosa ovalifolia* Pers.
white pine woods
07 *Heeracium venosum*
mixed woods
08 *Euphorbia corollata*
mixed wood.
09 *Stylosanthes repens* Kearney det. F. J. H.
white pine woods
10 *Stipa avenacea* L. det. F. J. H.
~~mixed wood~~, white pine woods
11 *Pyrola pubera*
mixed woods
12 *Rhododendron nudiflorum*
mixed woods
13 *Gaultheria procumbens*
mixed woods
14 ~~Galium~~
14 *Galium trifidum* var. *tinctorum*
edge of pond, in mud
15 *Ligustrum sinense* Lour.
small ravine in woods
16 *Chimaphila maculata*
16a *Alnus serrulata*? edge of pond shrub 2 m. tall
17 *Hedysotis purpurea* (L.) T. & G.
common in woods

fls. bright rose pink, stamens
yellow, about 15, leaves terete.

leaves dark green, glossy
- above, fruit immature
standard cream, keel
- bright crimson.
fls. purplish, lower side
- of tube whitish.
leaves somewhat marked
- with red, fls. yellow.
fls. white, latex abundant.

plant prostrate, fls. yellow.
root deep, tough.
solitary stems

shrub 1.5 m. tall, leaves
dark green, only rachises left
- of racemes.
shrub 1 m. tall,
prostrate, budding
infl. erect, leaves with
- wintergreen odor when broken
fls. white, 3 parted.

apparently established,
slender shrub 3 m. tall, fls. white.
fls. white, lvs. dark green,
- variegated.
fls. pale lavender.

- 18818 *Galax aphylla* L.
mixed woods
- 19 *Vaccinium stamineum*
low wet woods
- 20 *Rhododendron viscosum*
edge of pond
- 21 *Carex lurida* Wal. det. F. J. H.
boggy ground
- 22 *Ilex verticillata*
close to pond, wet ground
- 23 *Castanea pumila* Mill.
low wet ground
- 24 *Liriodendron rotundifolium* L. det. W. E.
low wet ground in woods
- 25 *Cornus amomum* Mill.
low boggy ground.
- 26 *Juncus effusus* var. *solutus* F. & W. det. F. J. H.
marsh
- 27 *Carex swanii* (Fernald) Mack. det. F. J. H.
low boggy ground
- 28 *Sisyrinchium angustifolium* det. C. O.
low boggy ground, only one seen.
- 29 *Carex debilis* Michx. det. F. J. H.
low boggy ground
- 30 *Panicum microcarpum* Michx. det. F. J. H.
low boggy ground
- 31 *Anthoxanthum odoratum*
low ground
- 32 *Rubus hispidus* L. O. K. McV.
low ground
- 33 *Panicum clandestinum* L. det. F. J. H.
low ground

- spike erect, fls. white.
- shrub 1 m. tall, fruit
pendent, immature, fruit
and leaves glaucous.
- shrub 3 m. tall, bud only.
clumps, fruit green.
- shrub 1.5 m. tall, leaves
dark green, rugulose.
fls. white
- slender shrub 4 m. tall.
leaves green beneath, fruit
green.
- shrub 2 m. tall, fls. whitish.
- small clump
- spreading weak plants
- roots yellow.
- plants prostrate, with a
tuber at base of stem, fls. white.

- 18834 *Glyceria striata* (Lam.) Hitchc. ^{det. J. H.}
in mud
- 35 ~~Monotropa~~ *Monotropa hypopitys* ^{det. M. C.}
under oak trees in
mixed woods.
- 36 *Leucothoe catesbaei*
edge of pond, abundant
- 37 *Carex swanii* (Fern.) Mack. ^{det. F. J. H.}
partly submerged
- 38 *Carex allegheniensis* Mack. ^{det. F. J. H.}
growing in water
- 39 *Xanthorhiza simplicissima* Marsh.
woods near pond
- 40 *Malaxis unifolia* Michx.
mixed woods
- 41 *Euonymus*
low ground
- 42 *Danthonia compressa* Austen ^{det. J. H.}
~~low ground~~ mixed woods
- 43 *Vaccinium vacillans*
mixed woods
- 44 *Carex folliculata* L. ^{det. F. J. H.}
edge of pond
- 45 *Ludwigia palustris*
edge of pond
- 46 *Danthonia spicata* (L.) Beauv. ^{det. J. H.}
low ground L. ^{det. M. C.}
- 47 *Rubus hispidus*
slope in mixed woods
- 48 *Carex crinita* Lam. ^{det. F. J. H.}
edge of pond
- 49 *Leucothoe catesbaei*
edge of pond
- 50 *Lyonia ligustrina*
edge of pond

- inflorescence drooping
- small clumps, brownish,
odorless.
- weak shrub, leaves
leathery
- shrub 5-8 dm tall,
wood and inner bark
bright yellow.
- green stemmed shrub, up
to 1 m. tall, fls. greenish
- fruits are immature fruits
and leaves slightly glaucous.
- prostrate, forming a loose mat
- prostrate
- small clump, spikes
drooping
- spreading shrub,
leaves leathery
- shrub 1.5 m. tall,
fls. white

✓ Pacolet River, just below
Valhalla, 1.5 mi. n. w. of Tryon,
Polk Co. N.C.

June 18, 1942

Wooded bottom lands and
cultivated fields.

18851 *Gleditsia triacanthos*
solitary tree in field

52 *Amaranthus spinosus*
edge of cult. field.

53 *Plantago rugelii* Deane.
edge of field.

54 *Bromus commutatus*
edge of field

55 *Salix*
edge of field, along river

56 *Arundo donax* L.
along ditch, edge of field.

57 *Vitis labrusca* L.
bank of river

58 *Vitis vulpina* L. (*V. cordifolia* Lam.)
banks of river

59 *Morus rubra* L.
edge of woods, base of hill

60 *Asimina triloba*
edge of woods, base of hill

61 *Vitis vulpina* L. (*V. cordifolia* Lam.)
banks of river

62 *Rhus glabra*
thicket

63 *Arisaema dracontium*
shaded place near river

tree 12 m. tall, ~~in field~~
branched thorns on trunk
- fruit immature
- stem juicy

tree 5 m. tall

canes 5 m. tall, old ones
which have flowered
- branching.
- woody vine climbing
- in trees, fruits immature
- woody vine, climbing
- in trees, fruits immature.
- small tree, fruit immature

- small, few-branched tree,
- fruits irregular, immature.
- woody vine, climbing
over trees.

shrub 3 m. tall, fls. yellow

plant about 1 m. tall

18864 *Juglans cinerea*65 *Cyperus globulosus* Aubl. det. F. H.
sandy ground66 *Duchesnea*
shaded ground67 *Parthenocissus quinquefolia*68 *Haleaia* ~~to~~ *carolinensis*69 *Elymus virginicus* var. *glaberrimus* ^{det. F. H.}
edge of woods70 *Oenothera laurata* Hill
open pasture71 *Campsis radicans*
fence around pasture72 ~~Thalictrum~~ *Teucrium canadense* L.
weedy bank of ditchWooded hill, ^{just} north of Pacolet River,
~~to~~ below Valhalla, 1.5 mi. n. w.
of Tryon, Polk Co. N. C.

June 18, 1941

sterile hilltop. mixed
woods.73 *Symplocos tinctoria* L. det. F. H.74 *Quercus marilandica* Muench.75 *Vaccinium pallidum* Mill.tree 10 m. tall, very glandular
and sticky, fruit immatureprostrate, fls. yellow
- fruits red, fleshy, seeds ^{in surface} loosely attached
- woody vine climbing
- in trees
tree 6 m. tall, fruits
pendent green, leaves glaucous
- beneathfls. yellow, mostly faded
- at 1 p. m.
vine, extensively climbing,
fls. brilliant scarlet,
orange outside.
fls. lavendershrub 2 m. tall, fruit immature.
shrub 2 m. tall.
~~shrub~~ arching shrub
about 3-4 dm. tall, slightly
glaucous, fruit immature.

Pacolet River Valley, 3^{3.5} mi. w. of
Tryon, Polk Co. N.C. 300-400 m.
June 19, 1942

- 18876 *Osmorhiza claytoni*
Old road in woods
- 77 *Salvia lyrata*
Old road in woods
- 78 *Stachys latidens* Small
along trail in sunny clearing
- 79 *Medicago lupulina*
railroad embankment
- 80 *Helianthus tenuifolius*
railroad embankment
- 81 *Zizia aurea* (L.) Britt. det Mel.
steep wooded slope
- 82 *Galium circaeazans* Michx.
steep wooded slope
- 83 *Passiflora incarnata*
clearing in valley bottom
- 34 *Ipomoea coccinea* L.
clearing in valley bottom
- 85 *Diodia virginiana*
road cut.

- ✓ Lower Fall Creek ~~gully~~ gulch,
Pacolet River Valley, 4 mi. w. of
Tryon, Polk Co. 500 m. June 19, 1942
- 36 *Orchis spectabilis*
deeply wooded slope
- 37 *Asplenium platyneuron*
deeply wooded slope, on small rock, very rare.

root sweet-smelling

fls. reddish purple

large plants forming
tangled mats, fl. yellow.
fls. yellow

fruits immature

roots yellow

herbaceous vine, fls. with
greenish perianth, purple
corolla, white banded at
base, style and stamens greenish
herbaceous vine, fls.
- brilliant scarlet.
plant prostrate, fls.
white, 3-4 parted

past flowering

- 18888 *Dryopteris hexagonoptera*
densely wooded slope
- 18889 *Viola tripartita* Ell. var. *glaberrima* (Gray) Harp.
densely wooded slope
- 90 *Calycanthus nanus*
densely wooded slope
- 91 *Cynoglossum virginicum*
densely wooded slope
- 92 *Botrychium virginianum*
densely wooded slope
- 93 *Magnolia acuminata*
- 94 *Sisyrinchium albidum* Raf. det. C.C.C.
- 95 *Aspidium calceolus* var. *pubescens*
- 96 *Farrelia cordifolia* L.
- 97 *Ranunculus recurvatus* Poir. det. J.J.H.
flat grassy place
- 98 *Carex swanii* (Fern.) Mack. det. J.J.H.
flat grassy place
- 99 *Lamula canadensis* L. det. M.V.
flat grassy place
- 18900 *Galium triflorum* Michx.
flat grassy place
- 01 *Panicum boscii* det. J.R.S.
flat grassy place
- 02 *Circaea quadruncata* var. *canadensis*
flat grassy place
- 03 *Geum canadense* Jacq. det. M.V.
flat grassy place.
- same la. :
Wet rocky gorge below waterfall
- 04 *Troutvetteria carolinensis* (Walt.) Vail
- 05 *Polypodium vulgare* L.

Only the taller fronds fruiting
stem erect, no flowers.

shrub, 1 m. tall, fragrant
when broken, fls. maroon, fragrant

fruits withered

tree 10 m. tall, fruits green.
leaves glaucous beneath.
tufts, fls. white

weakly ascending

erect, top arching, stiff

fls. white

fls. white

fls. white

17906 *Thalictrum clavatum* DC. det. F.J.H.

07 *Mitchella repens* L.

08 *Carex radiata* (Wahl.) Dewey det. F.J.H.
shaded under bushes

09 *Xanthoxiza simplicissima* Marsh.

10 *Asplenium trichomanes* L.
tuft on rock

11 *Hedyotis purpurea*

12 *Rhododendron minus* Michx.?
sides of gorge

13 *Viburnum acerifolium*

same loc. Tryon Reservoir 6000 m.
marshy border of reservoir.

14 *Carex scabrata* Schwein. det. F.J.H.

15 *Panicum sphaerocarpon* Ell. det. F.J.H.

16 *Agrostis alba* L. det. J.A.S.

17 *Poa compressa* L. det. J.A.S.

18 *Scirpus polyphyllus* Vahl det. F.J.H.

19 *Carex lundae* Wahlenb. det. F.J.H.
abundant

20 *Isoetes*
in shallow water

21 *Solidago arguta* Vit. (narrow lvs.) det. S.F.H.

22 *Juncus debilis* Gray det. F.J.H.

23 *Sagittaria latifolia* var. *pubescens* det. F.J.H.
in shallow water

24 *Eleocharis obtusa*

sandy beach
25 *Carex scoparia* Schkuhr det. F.J.H.

26 *Juncus acuminatus* Mx. det. F.J.H.

fls. with conspicuous
white ^{clavate} stamens
prostrate, fls. white.

weak shrub, ^{5 dm.} tall
yellow when broken

fls. pale pinkish-lavender
drooping shrub

shrub 2 m. tall, fruit immature

small clumps, infl. erect
panicle purple.
clump, infl. erect.

small clump, heads very immature.
clumps, spikes drooping

leaves straight, almost
erect, protruding above water
fls. ~~sage~~ yellow

petals white

clump, spreading, heads
yellowish green.

- 18927 *Juncus marginatus* Roth. det. F. J. H.
 28 *Juncus effusus* var. *solutus* det. F. J. H.
 29 *Juncus acuminatus* det. F. J. H.
 30 *Lysimachia quadrifolia*
 31 *Hypericum punctatum* Lam. det. M. H.
 32 *Juncus acuminatus* Michx. det. F. J. H.
 33 *Linum striatum*
 moist ground, above mud.
 34 *Carex vulpinoidea* Michx. det. F. J. H.
 35 *Sagittaria latifolia* var. *pubescens* det. F. J. H.
 shallow water
 36 *Oenothera tetragona*
 37 *Lysimachia quadrifolia* L.
 38 *Arisaema atrorubens*
 39 *Salix sericea* Marsh. det. C. R. Delf.
 40 *Polygala polygama* Walt. det. S. F. Blake
 41 *Ranunculus recurvatus* det. F. J. H.
 42 *Rudbeckia monticola* Small S. F. B.
 43 *Eriogonum strigosum*
 44 *Asclepias tuberosus*
 45 *Tsuga canadensis*
 edge of woods above water
 46 *Panicum ashei* Pearson det. J. R. S. Waller
 disturbed ground at end of dam.
 47 *Panicum commutatum* Schult. det. J. R. S.
 disturbed ground at end of dam
 48 *Panicum dichotomum* L. det. J. R. S.
 disturbed ground at end of dam
 49 *Solidago arguta* Nutt. (var. *torreyi*) det. S. F. B.
 disturbed ground at end of dam

small tufts, infl. yellow.
 abundant
 - fls. yellow
 - in bud only.
 lvs. terete

clump, stems weak
 petals white

- fls. yellow
 fls. yellow, reddish
 around stamens.
 leaves glaucous beneath,
 - spathe green.
 shrub 3 m. tall. leaves
 glaucous beneath
 - fls. magenta
 - fruit only, ~~at~~ adheres loose.
 rays yellow, disk dark
 brown, almost black.
 - rays white, disk yellow-green.
 fls. red-orange
 large tree, 25 m. tall, cones
 pendent, blue-green

fls. yellow.

S.C.
Mottow Creek, 1/2 mi. S. of
Campobello, Spartanburg Co. S.C.

280 m

June 20, 1942

- ~~18950~~ ~~old~~ wet ground along rivulet
in bottom of old dirt quarry
18950 *Juncus debilis* Gray det. F. J. Hermann
51 *Fraxina squarrosa* Michx. det. F. J. H.
~~52 Paspalum~~
52 *Juncus marginatus* Roth det. F. J. H.
53 *Agrostis hiemalis* (Walt.) P. B. det. F. J. H.

bottom lands along creek,
scattered woods and
open marshes

- 54 *Ptilimnium capillaceum* (Michx.) Raf. det. Michx.
shaded grassy place
55 *Paspalum laeve* Michx. det. F. J. H.
56 *Carex lupulina* Muhl. det. F. J. H.
muddy place
57 *Carex vulpinoidea* Michx. det. F. J. H.
58 *Nyssa sylvatica*
59 *Galium pilosum* Ait.
dry grassy slope
60 *Clematis viorna*
dry grassy slope
61 *Linaria canadensis*
dry grassy slope, partly shaded
62 *Sagittaria latifolia* Willd. var. *pubescens* det. F. J. H.
muddy place
63 *Polygonum sagittatum*
muddy place
64 *Plantago major* L.
dried mud
65 *Cornus amomum* L.
edge of river

hairs glistening white.

fls. white

tree 7 m. tall.

fls. reddish, lobes apiculate

vine prostrate on ground,
fls. purple, fleshy.

petals white

elongate, fls. white

leaves flat on ground

tree-like shrub 4 m. tall
fruit green.

- 13966 *Eryngium prostratum* Nutt. det. N.D.
silty soil
- 67 *Cornus foemina* Mill.
- 68 *Lisyrhynchium angustifolium* L. det. S.G.
sandy flat
- 69 *Cephalanthus occidentalis* L.
muddy place, abundant
- 70 *Nuphar advena* (ait.) ait. f.
in muddy pond
- 71 *Eleocharis obtusa* det. F.J.H.
wet sandy ground
- 72 *Sparanium americanum* Nutt. det. F.J.H.
in shallow muddy pond
- 73 *Rosa palustris*
edge of marsh
- 74 *Oxalis stricta* L.
sand flat
- ~~75 *Quercus stellata*~~
- 75 *Scirpus validus* Vahl det. F.J.H.
edge of pool beneath bridge
- 76 *Helianthus tenuifolius*
moist sandy place
- dry old ~~field~~ ^{pasture} with scattered trees, *Rubus* and *Alnus* bushes.
- 77 *Paronychia fastigiata* Fern.
under large isolated tree
- 78 *Cocculus carolinianus*
Rubus thicket
- 79 *Quercus stellata*
- 80 *Cyperus filiculmis* Vahl det. F.J.H.
dry slope
- 81 *Quercus falcata*

- ~~the~~ plant prostrate,
heads bluish.
- shrub 3 m. tall, fruit green,
fls. blue.
- shrub 1 m. tall, fls. white.
fls. yellow
- shrub 2 m. tall, fls. rose pink
- culms cylindrical
fls. yellow
- tangled vine climbing over bushes
buds white.
tree 6 m. tall, leaves bluish
beneath.
- Tree 10 m. tall

- 18982 *Delphinium ajacis*
thicket, shaded
83 *Vaccinium arboreum* Marsh.
edge of thicket

84 *Platanus occidentalis*

85 *Specularia perfoliata* (L.) A. DC.
under large tree

86 *Arenaria serpyllifolia* L.
under large tree

87 *Trifolium arvense* L.
side of railroad clearing

88 *Crataegus uniflora* Muench. det. M.H.
railroad clearing

89 *Vicia dasycarpa* Ten. det. F.J.H.
railroad clearing

90 *Agrostemma githago*
roadside

91 *Tephrosia spicata* (Walt.) T. & G. det. F.J.H.
roadside

Campobello, Spartanburg Co. N.C.

210 m.

June 21, 1942

Vacant lot

92 *Rubus ulmifolius*
sunny ~~lot~~ dry place.

93 *Hedyotis canadensis*
shade of large tree

94 *Stylosanthes riparia* Kearney

colors of flowers from
white to pink to violet.
shrub 2 m. tall, not
glaucous, fls. white,
unicolate.
large spreading tree,
15 m. tall.
erect

forming a dense ground cover.

shrub 1 m. tall, fairly
abundant and uniform.
vine climbing on *Rubus*

plant dried

buds yellow, turning dark
red, open flowers pale pink.

low arching bushes, 4-5 dm.
tall, ~~fls.~~ *floriscanes* rooting
at tip, flowers pink.
fls. lavender - pink.

plant ascending, fls.
yellow

Tryon, Polk Co. N.C. June 21, 1942

Railroad embankment

- 18995 *Coreopsis major* Walt. var. *stellata* (Nutt.) Kof. ^{det. J.E.B.}
 96 *Eragrostis pectinacea* (Michx.) Nees ^{det. J.E.B.}
 97 *Euphorbia corollata* L. ^{supina def. det. J.E.B.}
 98 *Eragrostis ciliaris* (All.) Link ^{det. J.E.B.}
 99 *Achillea millefolium*
 15000 *Croton glandulosus* L. ^{det. McV.}
 01 *Polygonum convolvulus* L. ^{det. McV.}
 02 *Euphorbia maculata* L. ^{det. McV.}
 03 *Chenopodium boreale*
 04 *Echium vulgare*
 05 *Setaria viridis* (L.) Beauv. ^{det. J.E.B.}

Sleepy Hollow, 1 mi. S. Falls Church,
 Fairfax Co. Va. June 30, 1942

- 06 *Trifolium*
 lawn. planted this year.

1 mi. n.e. Cherrydale, S. of Windy
 Run, near Potomac R., Arlington Co.
 Wooded slope all com. July 26, 1942

- 07 *Fagus*

08

- 09 *Coreopsis*
 bushy clearing
 10 *Passiflora lutea* L.
 bushy clearing

Sleepy Hollow

- 11 *Panicum gattengeri* Nash

July 26, 1942

- fls. yellow
 - tufts spreading
 - prostrate, sap milky
 - tufts spreading
 - rays white
 - erect
 - vine, fls. white.
 - plant arching, ascending.
 plant branched, 3 dm. tall,
 flowers blue, fading pinkish.

fls. rose pink

- tree 10 m. tall, 2 dm. through,
 bark dark brownish gray,
 (specimens from near top).
 herbage with turpentine
 odor, fls. white
 - up to 3 m. tall, rays yellow
 vine climbing on bushes and weeds,
 fls. pale yellow.

weed in driveway

3 mi. s.e. Rockville, wooded
knolls n.e. of Rock Creek,
Montgomery Co. alt. 85 m. July 26, 1942
~~19012~~ Thick woods, soil evidently
somewhat acid.

19012 *Circaea quadrunculata* var. *canadensis*
rich low place

13 *Lactuca*

14 *Tipularia discolor* (Vahl) Nutt.

15 *Pyrola elliptica*

16 *Hedysotis*

17 *Malaxis unifolia*

18 *Pyrola americana* (Sweet) Fern.

19 *Pyrola chlorantha* var. *schuyleri*

20 *Galium pilosum*

21 *Chimaphila umbellata* ^{var. *umbellata*}

22 *Carex*

23 *Mitchella repens* L.

24 *Lobelia spicata* var. *scaposa* M. V.

25 *Lycopodium complanatum* L.

26 *Pyrola secunda*

27 *Goodyera pubescens*

28 *Fagus grandifolia* Ehrh.

29 *Monotropa uniflora*

30 *Chimaphila maculata*

31 *Lycopodium lucidulum*

32 *Quercus imbricaria*

edge of woods

- abundant locally
- in depressions.
- plant 2 m. tall, fls. yellow
- plants scattered in woods,
- tubers grayish white,
- flowers greenish brown.
- leaves light green,
- fruits green.
- small tufts, fls. pale
- lavender.
- fls. green
- leaves bright green, fruit green,
- leaves somewhat bluish green,
- fruits green.
- plant ascending, roots yellow
- fruit immature
- culms spreading, weak.
- prostrate, fruit immature,
- old fruit scarlet.
- leaves flat on ground, scape
- ascending
- stem prostrate, fruit erect.
- leaves rather pale green, fruit green.
- leaves gray, ~~veins white~~, flowers
- white.
- tree 10 m. tall, bark brownish green, 4-5 m. long branches
- plant translucent white, almost odorless.
- leaves gray-green, white along midrib.
- humus at base of tree
- tree 3 m. tall, leaves green beneath

128

Vernonia

1942

✓

Creepy Hollow, - - - - -
 along Trip. & Run, Fairfax Co.
 Sept. 1

sander

19033

Trichostema dichotomum L.
 weed

34

Browallia

cult.

15

Digitaria filiformis

W. } R.S.

weed

34

Digitaria sanguinalis

let fls.

weed

Fairfax Co.

129

flowers purple

fls. blue, with yellow and
 white center

130

131



f 200



